MARITIME HERITAGE MINNESOTA



Ann Merriman

CHRISTOPHER OLSON

Log Book 28 of the USS Essex

November 1, 1890 - May 9, 1891

The Day-to-Day Operations of Shipbuilder Donald

McKay's Last Ship



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USS Essex Log Book 28

Finding Aid

Adams class ship USS Essex (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS Essex could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS Essex log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the Essex as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the Essex that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and job), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the Essex in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the Essex, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The digitization and editing of the USS Essex log books were made possible with funding provided by the Minnesota Historical and Cultural Heritage Grant

program, part of the Arts and Cultural Heritage Fund of the Clean Water, Land and Legacy Amendment.

Log Book 28 of the USS Essex: November 1, 1890-May 9, 1891

The National Archives houses USS *Essex* Log Book 28. Throughout Log Book 28, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and vice-versa
- when under steam the different watches record the average steam boiler pressure and engine revolutions
- lowering of smokestack and proceeded under sail and vice-versa when the Essex was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship's behavior (heavy rolling or pitching)
- crew conducting ship maintenance: engine maintenance/repair, general ship cleaning, bilge cleaning and checking pumps, scraping and painting and sometimes tarring and caulking the ship's hull and infrastructure, steam cutter maintenance/repair, steam/sail launch maintenance/repair, inspected cotton primers
- crew conducting drills: target practice with the main battery (great guns), boat drills all hands called to arms and away all boats for naval tactics under sail and oars, small arms drills, single stick drills, revolver drills, torpedo drills, rifle drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew quarters inspection
- lists of new crew members recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships

- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- rewards offered for the return of AWOL crewmen
- weekly Sunday services; after the services, once a month, the Articles for Better Government of the Navy were read to the crew

NOTE: The *Essex* deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.

At the beginning of Log Book 28, in November 1890, the USS *Essex* was in transit between Bahia and Rio de Janeiro, Brazil under Commander A. S. Snow. USS *Essex* was assigned to the US South Atlantic Station. On November 1, *Essex* anchored in Rio de Janeiro with Flagship *Pensacola*. Several warships were anchored in the harbor including Brazillian battleship Flagship *Riachuelo*, two monitors, one corvette, one dispatch boat, one schooner, and British gunboat *Bramble* went to sea. The next day, the crew dressed *Essex* with the Brazilian colors at the main and on November 3, *Pensacola's* anchored dragged and it fouled the *Riacheulo*. *Essex's* steam launch was sent to assist the two ships while the crew conducted drills and exercises. For the next two weeks, Commander Snow and his officers exchanged courtesies with Brazilian Admiral Mello, Brazillain corvette *Almirante Barrozo*, and Brazillian monitors *Bahia* and *Solimoes*, Flagship *Riacheulo*, English steel sloop *Basilisk*, and English gunboat *Cleopatra*. American barkentine *Good News* from Baltimore and Pacific Steam Navigation Company mail steamer *Jonathan Elder* anchored in the bay.

Flagship *Pensacola* transferred \$2,000 in pounds sterling to *Essex's* Pay Master and one notable punishment was meted out for one crewman, when called out for slopping dirty water on the deck; he told the Captain of the Foretop to 'go to hell'. On November 11, American ship *Lydia Southfield* displayed her flag upside-down and *Essex* sent an officer to investigate - a fight had occurred among the crew members. Flagship USS *Pensacola* fired a salute that was answered by Fort Copacabana. Four days later, all the warships in the harbor dressed in rainbow fashion with the Brazilian ensign at the main. *Essex* officers went ashore for the first anniversary of the Brazillan Republic. Salutes were fired by *Pensacola*, HMS *Cleopatra*, HMS *Basilisk*, *Almirante Barrozo*, monitors *Bahia* and *Solimoes*, Flagship *Riacheulo*, Uruguayan gunboats *General Rivera* and *General Artigas*, and Fort Copacabana. On November 12, a heavy squall caused the ship to drag her anchor; a second anchor was dropped and a whale boat was capsized while going ashore and lost a boat compass.

On November 18, *Essex* departed Rio de Janeiro with Flagship *Pensacola*. The two ships exchanged signals; *Essex* started banking fires and uncoupling propellor. However, it was realized there was an error in the signals and the ship resumed under both steam and sail. *Essex* exchanged colors with a Lamport & Holt steamer heading to the northeast and the officers sold the clothing and unclaimed articles that belonged to

deserters from the 'lucky bag'. On November 24, *Essex* arrived in Montevideo, Uruguay, and anchored ahead of the flagship; she also took on board provisions intended for sidewheel dispatch boat USS *Tallapoosa*. The next day, also received crewman intended for *Tallapoosa* and courtesies were exchanged with English steel sloop HMS *Beagle*. On November 26, *Essex* left Montevideo and anchored in Buenos Aires, Argentina. The next day, *Essex* stood into the Boca Canal and berthed near USS *Tallapoosa*. Visits were exchanged with Italian steel gunboat *Andrea Provana*. On November 28, *Essex* half-masted her colors on account of the death of the King of Holland; she left Buenos Aires, and anchored in Montevideo on November 29. Courtesies were exchanged with HMS *Cleopatra*, Spanish unprotected cruiser *Cristobal Colon*, and the Uruguayan corvette *General Rivera*. The ship's fire alarm was sounded due to a lighted match dropped on a freshly shellacked floor in the yeoman's storerooms. The fire was extinguished with a glass Harden Star fire grenade.

During the first three days of December, *Essex* took on board stores for the Construction Department, the US Consul visited the ship, and Brazilian corvette *Parnahyba* anchored in the bay. On December 4, the Uruguayan tug *Comercio* towed the ship's catamaran - with a crewman on board - back to Essex. Apparently the crewman, while drunk, stole the boat to take a ride; he was put in a cell for safe keeping. For the next three weeks, *Essex* remained in the Bay of Montevideo. Salutes were fired by Chilean and American ships and Admiral McCann's pennant was lowered on *Pensacola* when she left the bay and hoisted onto *Essex*. Pleasantries were exchanged Chilean gunboat *Almirante Lynch*, Brazilian transport *Purus*, and the Captain of the Port. Commander Snow sent a boarding party to the American whaler *Sunbeam* to help establish the authority of her master. During mid-December, the crew was conducting drills and painting the ship.

Dec 18 Dutch frigate Koningin Emma der Nederlanden anchored and Essex dressed with Holland colors half-masted at the main; Koningin Emma der Nederlanden fired a salute. USS Pensacola entered the bay and anchored. Essex lowered the admiral's pennant and Pensacola hoisted the same; Admiral McCann boarded Pensacola. On December 21, the ship's whale boat rescued a capsized sailboat in the bay and a few days later, Italian steel gunboat Andrea Provana anchored and exchanged pleasantries. On December 29, the ship left Montevideo Bay and anchored about nine miles out for target practice using a floating target; the exercise was interrupted by a passing ship. Later in the day, Essex returned to Montevideo. At the end of the month, Chilean gunboat Almirante Lynch left the harbor and a Dutch warship anchored; salutes were exchanged.

In early January 1891, English gunboat *Beagle* and USS *Tallapoosa* anchored in the Bay of Montevideo. *Tallapoosa* fired a salute that was answered by Flagship USS *Pensacola*. Admiral McCann and his staff inspected *Essex* and the crew performed drills and exercises for his benefit. British gunboats HMS *Cleopatra* and HMS *Basilisk*, and Brazilian gunboat *Purus*, left the bay. At one point, *Essex* acted as a go-between for *Pensacola* and HMS *Bramble*, signaling to the British ship regarding an invitation. In mid-January, the steam cutter was hauled in for repairs to her engine and condenser.

Strong winds and squalls moved into the bay for two days - *Essex's* sheet anchor was deployed and the Engineering Gang slowly turned-over the engine to relieve strain on her moorings. The winds also blew dust out from the shore - *Essex* could not read the signals from the flagship for a time. During the last 10 days of January, a crewman went ashore to the English hospital and HMS *Beagle* went to sea. *Essex's* crew saw a man fall overboard from *Beagle* and was picked up by her lifeboat; she returned later the same day. The ship left Montevideo for Maldonado, Uruguay, on January 24. She anchored for two days and after target practice, *Essex* returned to Montevideo at dusk. Flagship USS *Pensacola* and Chilean torpedo gunboat *Almirante Condell* left Montevideo, HMS *Bramble* left the bay and returned on the same day, USS *Tallapoosa* communicated with signals, and an *Essex* crewman returned from the shore hospital.

On February 7, Essex hoisted the senior officer pennant, indicating that Commander Snow was the highest ranking American Navy officer for the South Atlantic Squadron. For the first three weeks of February 1891, Essex remained in Montevideo. The ship half-masted her colors, following motions of Uruguayan warships in the harbor, out of respect for the recent death of General Paunero. Routine tasks took place on board Essex during February including the inspection of the dry gun cotton. During the examination, a possible deterioration was detected probably due to being handled with naked hands. A solution was found and ordered: the cotton was to be stored as wet gun-cotton and wetted with the appropriate solution. The crew hoisted out the steam launch for repair that was completed within the day. The crew hoisted the steam launch's boiler for cleaning later in the month. Throughout the month, crews conducted drills, including small boat exercises under sail and oars and routine signals. Essex exchanged visits and pleasantries with Brazilian transport Purus, Uruguayan gunboat Juarez, Italian steel gunboat Andrea Provana, Chilean gunboats Pilcomayo and Almirante Lynch, and torpedo boat Almirante Condell, and Argentine protected cruiser Patagonia.

Buenos Aires tug *Count Kolnak* (under the Austrian flag) came downriver to the Bay of Montevideo, transferred men to *Almirante Lynch*, and returned upriver. Other ships also headed upriver including Argentine battleship *Almirante Brown*, Chileans ships *Pilcomayo*, *Almirante Lynch*, and *Almirante Condell*, Argentine cruiser *Patagonia*, and Uruguayan gunboat *General Rivera*. Vessels noted as leaving Montevideo were Italian steel gunboat *Andrea Provana* and Spanish unprotected cruiser *Cristobal Colon*. During the on-loading of supplies, *Essex* fouled the screw of the Uruguayan provision tug *Libertad*; her 6.5 fathoms of drift line and its 25 pounds of drift-lead were lost. On February 20, a crewman transferred to sidewheel dispatch boat USS *Tallapoosa* with his baggage and transfer papers. *Essex* left Montevideo and anchored at Maldonado for the remainder of February. The crew took target practice with revolvers and also drilled at the great guns.

While anchored at Maldonado in March 1891, the crew intentionally listed the ship to port and then to starboard for two days to to scrub the outer hull bottom sheathing copper. Also, workmen painted a white stripe along the gun ports. While the hull was being cleaned and painted, Commander Snow sent two battalions of 125 men ashore

for drills. On March 5, Essex returned to the Bay of Montevideo and anchored; courtesies were exchanged with Brazilian corvette Parnahyba, Uruguayan gunboat Juarez, gunboat HMS Bramble, and steel sloop HMS Beagle. Uruguayan gunboat General Rivera and protected cruiser USS Baltimore entered and anchored in the harbor, Essex exchanged signals with Baltimore. In mid-March, Flagship USS Pensacola sent the Pay Master over 14,624 pounds sterling. Commander Snow extended courtesies to Baltimore while the US Consul visited Baltimore and Tallapoosa. The Bay of Montevideo experienced a rough harbor sea; Essex's steam launch and whale boat were sent to assist one of the HMS Beagle's boats that had capsized under sail. Another sailboat asked for assistance and one of Essex's small boats towed her into shore. On March 18, USS Baltimore and USS Tallapoosa exchange signals and HMS Cleopatra anchored in the bay. Two days later, the US Consul visited Essex and the next day, Cleopatra; on March 22, USS Baltimore left Montevideo. For the last ten days of March, Essex exchanged signals with Tallapoosa, her crew conducted drills, the weather was reported, the ship was provisioned and coaled, the Engineering Gang distilled water, and punishments were meted out.

On April 1, 1891, inspections of the gun cotton were conducted and courtesies were exchanged with Argentine torpedo gunboats Espora and Rosales, two ships that had arrived from Plymouth, England, on their way to Buenos Aires. The vessels headed upriver the next day. Also on April 2, the ship's surgeon Ferebee left Essex, having been transferred to New York Naval Hospital in accordance with a recommendation of the Medical Board of Survey. Ferebee took passage on the British mail steamer RMS Elbe. The next day, gunboat HMS Basilisk anchored in the Bay of Montevideo. On April 7, Essex got underway and on the next day, anchored 12 miles NNW from the Chico Lightship. She engaged in great gun target practice and while standing in toward, Colonia up the River Plate (directly across from Buenos Aires) and with a local pilot at the conn, the ship's stern grounded on Pescadores Shoal between Farralon and San Gabriel Islands at 1:45 pm. To get off the shoal, the crew moved the 9-inch guns (the great guns) forward, hoisted out the waist boats on the port side, and dropped the starboard anchor. The ship swung clear of the shoal with the rising tide at 3:05 pm and anchored in Colonia Harbor. Commander Snow sent an officer to the US Consul, but he was not at home. The next day, the US Consul visited the ship and for the next few days, pleasantries were exchanged with the Governor of Colonia, the Secretary of the Governor of Colonia, and the Captain of the Port. The crew engaged in target practice with rifles and they rigged the steam launch for torpedo practice - and fired one exercise torpedo. On April 24, HMS Basilisk anchored at Colonia and four days later, Essex headed toward Montevideo and spent the night anchored in the River Plate. She anchored in the Bay of Montevideo on April 29 and exchanged signals with USS Tallapoosa. The next day, USS Essex exchanged visits with the Spanish unprotected cruiser Cristobal Colon and the Brazilian corvette Parnahyba, while a Uruquayan dispatch boat shifted her berth.

On May 1, 1891, a General Court Martial was held on USS *Tallapoosa* for an *Essex* crewman and the next day, gunboat HMS *Bramble* anchored in the Bay of Montevideo. An *Essex* crewman was transferred to *Tallapoosa* and a large quantity of supplies were

delivered on board for the Equipment and Construction Departments. On May 8, Commander Snow sent a visiting party to HMS *Bramble* to witness their minstrel entertainment.

Tags:

American Ships: protected cruiser USS *Baltimore*, sloop-of-war USS *Essex*, barkentine *Good News*, ship *Lydia Southfield*, steam sloop Flagship USS *Pensacola*, whaler *Sunbeam*, sidewheel dispatch boat USS *Tallapoosa*

Argentine Ships: battleship *Almirante Brown*, torpedo gunboat *Espora*, tug *Count Kolnak*, protected cruiser *Patagonia*, torpedo gunboat *Rosales*

Brazilian Ships: monitor *Bahia*, corvette *Almirante Barrozo*, corvette *Parnahyba*, transport *Purus*, battleship Flagship *Riachuelo*, monitor *Solimoes*

British Ships: steel sloop *Basilisk*, steel sloop HMS *Beagle*, gunboat HMS *Bramble*, gunboat *Cleopatra*, mail steamer RMS *Elbe*, mail steamer *Jonathan Elder*

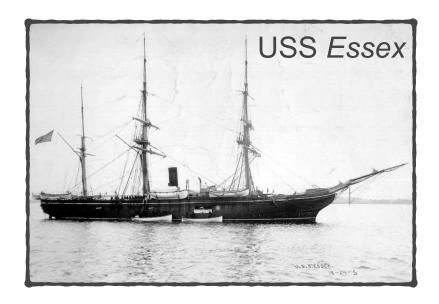
Chilean Ships: torpedo gunboat *Almirante Condell*, gunboat *Almirante Lynch*, gunboat *Pilcomayo*

Dutch Ship: frigate Koningin Emma der Nederlanden

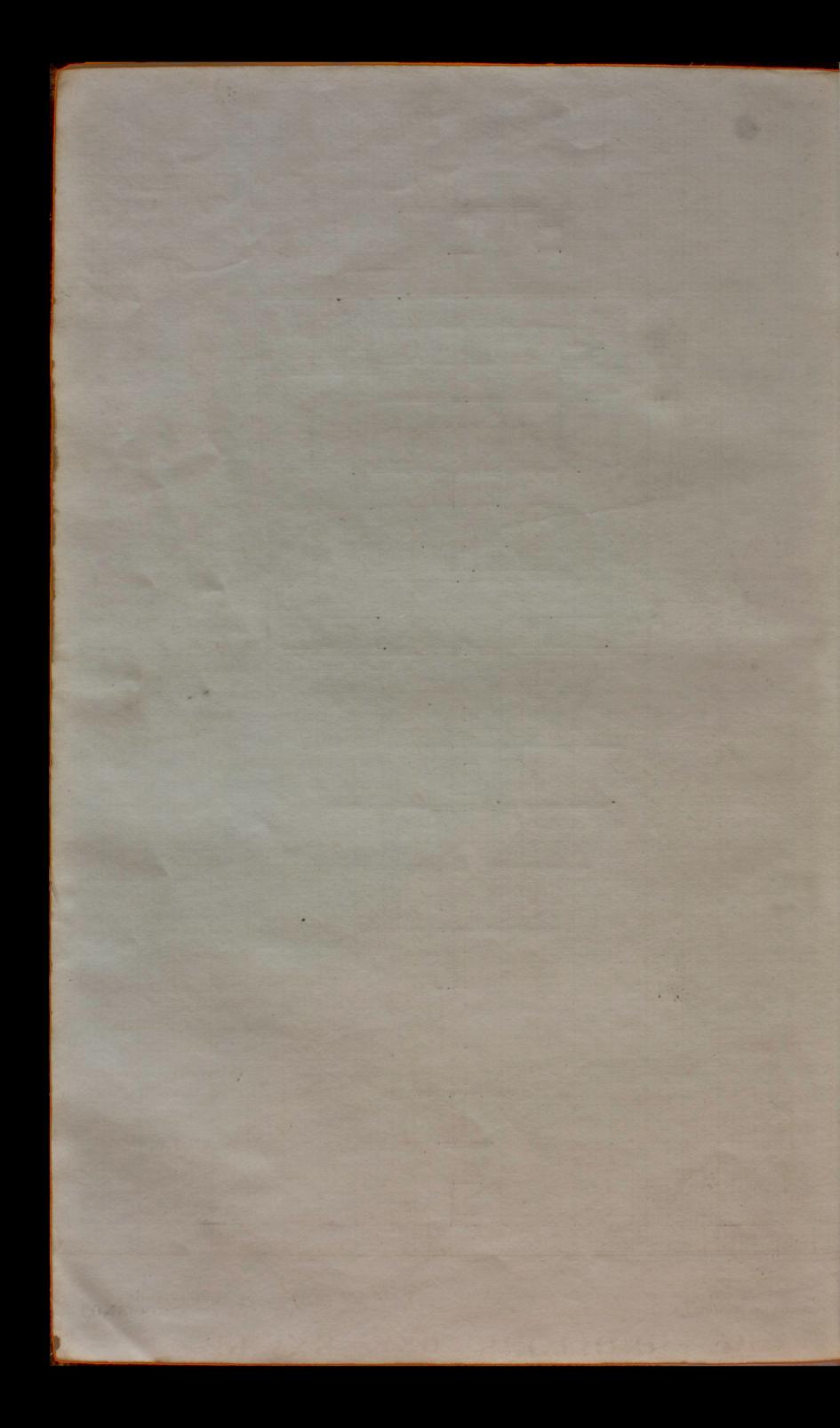
Italian Ship: steel gunboat Andrea Provana

Spanish Ship: unprotected cruiser Cristobal Colon

Uruguayan Ships: tug *Comercio*, gunboat *General Artigas*, gunboat *General Rivera*, gunboat *Juarez*, provision tug *Libertad*







LOG BOOK

OF THE

U.S.S "6ssex"

(3rd) RATE

OF (6) six GUNS,

COMMANDED BY

a. S. Snow Comde , U. S. Navy,

Attached to South- allantic Squadron,

Commencing Moute 1st , 1890,

at sea, from Bohia lo Rio de Jamiero,

and ending May gth-, 1891,

at Montevideo, Uruguay.

BUREAU OF NAVIGATION.

NAVY DEPARTMENT.

1886.

LIST OF OFFICERS Attached to and on board of the U. S. S. Essea. 3d Rate, commanded by

		Snow,	Comder , T	J. S. N., during the period co	vered by this Log-Book,
	from	Novems	18	yo, to may 9	, 18 9/ .
as	8.8	nont Resetter	Comde H.S. D.	W. W. Harry	Chief Engr U.S.M.
Jon J	Wilan Wilan Milan M. S.	man Jone tield	Lieut H. S.M. Lieut H. S.M. Lieut H. S.M. Ensign U.S.M. Ensign U.S.M.	H.M. Ferfebee H. C. Haines- J. a. Hesler Oliver Diehl O.W. Hoesler	Surgeon U.S.M. P. assl. Surg U.S.M. P. assl. Surg U.S.M. P. asst. EngrU.S.M. Pay black U.S.M.
		1			

Examined and found to be correct.

LIST OF OFFICERS Who have died, been detached, or transferred, on board the U. S. S GANEX " commanded by Comdr. Cl. S. Snow, U. S. N., during the period covered by this Log-Book, from November 1st , 1890, to May 9th , 1891. J. a. Hesler C. asst. Surg 21. S.M. Reported for duty Jan 12 = 1091. - De Jached Jan 27/91. O. Diehl Past. Surg 21. S.M. Reported for duty March 22 = 1891. M. M. Ferebre Surgeon 21. S. M. Team Geres Lo 21. S. March Hospital, Brooklyn, 115. on Uppil 2 mm 1891.

Examined and found to be correct.

le.K. levetis Laint: Navigator. COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board

of the U. S. S Essex' 3d Rate at first commissioning at first commissioning 1890. Al- Navy Gard, New York.

	Cylina Ar	/			
NUMBER ALLOWED.	RATES.	NUMBER ON BOARD.	NUMBER ALLOWED.	RATES.	NUMBER ON BOARD.
,	Chief Boatswain's Mate,	,	1	Cabin Steward,	,
,	Boatswain's Mate,	2	,	Cabin Cook,	,
*	Seamen Gunners,	~	,	Ward-room Steward,	,
,	Chief Gunner's Mate,	,	,	Ward-room Cook,	1
_	Gunner's Mates,	1	,	Steerage Stewards,	,
,	Chief Quartermaster,	,	1	Steerage Cooks,	,
3	Quartermasters,	3	_	Warrant Officer's Steward,	
,	Coxswains,	6	-	Warrant Officer's Cook,	
6	Captains of Forecastle,	2	12	Seamen,	12
11	Captains of Tops,	4	12	Ordinary Seamen,	13
4	Captains of Afterguard,	2	14	Landsmen,	12
3	Quarter-Gunners,	3	_	Boys,	2
,	Carpenter's Mates,	1	20	Apprentices,	19
,		1	3	Machinists,	.3
,	Sailmaker's Mates,	1	1	Boiler Makers,	1
- /	Armorer,	,	3	Water Tenders,	3
	Captains of Hold,	,	3	Oilers,	3
,	Ship's Cook,	,	,		,
-	Ship's Corporals,	,	1	First-class Firemen,	1
,	Lamp-lighter,	,	12	Second-class Firemen,	12
	Carpenters and Calkers,	2		Coal Heavers,	
/	Baymen,	,	139	M. Total,	139
	Master-at-Arms,	,		Marine Guard	1/5-
/	Apothecary,	/		Volal	160
1	Ship's Yeoman,	,			
/	Paymaster's Yeoman,	/			
1	Engineer's Yeoman,	/			
-	Schoolmaster,				
1	Ship's Writer,	/		ADDITIONAL FOR FLAGSHIP.	
-	Ship's Tailor,			Master of the Band,	
1	Ship's Barber,	1		Chief Musician,	
1	Painter,	1		First-class Musicians,	
1	Bugler,	1		Second-class Musicians,	
1	Jack of the Dust,	1		Printer,	1
1	Blacksmith,	1		Steward to Commander-in-chief,	
	Marine Guard.			Cook to do.	
1	Orderly Singeant	1		Coxswain to do.	
/	Sergeant	1		Seamen to do.	1
2	Corpopals-	2		Ordinary Seamen to do.	
2	Musicians-	2		Landsmen to do.	
20	Privates:	20			
	Tot-al	26			
			1		

U. S. S

Description of Instruments used for Meteorological Observations, their Location, &c.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COM- PARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.	Sa. J. Green	3298	Babin	May 1890	Standard Navy Fard New Fork	-,02
ANEROID BAROMETER.	("Holosterie")		Calin			
THERMOMETER, (Dry Bulb.)	Standard Thu, Es, Reabily muse)		Calin			
THERMOMETER, (Wet Bulb.) (Psychrometer.)	St.J. Green	5403	buck himse Winder brenk of Purplick			

Examined and found to be correct.

le, K. leurs Navigator.

ARMAMENT

Of the U. S. S Essex 3d Rate

PRIMARY.

				CARTR	IDGE	PROJEC	TILES		
NO. OF GUNS.	CAL.	MARK.	DESCRIPTION.			KIND.		CARRIAGES.	REMARKS.
	8"MLR	n.O. F. 1877 F.M. R.	bourstid					Pivol-	
/.	600 p. B. LA	R.O.P. 1864 B.B.Y	Converted	Schaoli Colle	ti 5	Shot- Shell	48	D. Bar-	
	The in	F. P. 1864 2. M.B.	S.B.	Dupont Cannon	100	Shot- Shell Shrapne Graps	90 73.5 75 74.1	Broadside	
			SI	ECO	NI	DAF	Y.		
	3 B.L.R.	N. Y. Y. 1878 K. L. K.	Strel	Dupon! Cannon	- 3/4	Shell Sheafon	17	Boal & Fill	
	120sz Light	1870 5.m.R	Bronge	Dupon	1625	Shell Sheepone Banistir	12 7.70	Boat & Field	
	Satting		.45 bal Long		70 ges		40592	· Boat & Field	

BOAT ARMAMENT.

Secondary Battery.

SMALL ARMS

75 Rifler, Hotchkiss. #2 Model, 65 Revolvers; Bolto D.a. Bal. 38 70 Butlasses; 2 Rifler Bal. 22 and 22 Battle axes:

Examined and found to be correct.

le. V. lennis Lint. Navigator.

TABLES of Deviation of the Standard Compass No. 69 on board the U.S. S Essey

DATE:	Sept- 26 in 90	tel 22 d 91.				
PLACE OF OBSERVATION	v: all-sen	al-sen				
LATITUDE:	5 2.21-22	5 35-01				
LONGITUDE:	W 28-27-00	N 2.6-10				
OBSERVED VARIATION:	W 170-16	8 6-35-				
SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
NORTH.	& 0°-04	% 0°-07'				
N. by E.	32					
N. N. E.	1.30	1-15-				
N. E. by N.	2-25-					
N. E.	2-21	1-25-				
N. E. by E.	2-46	1 20				
E. N. E.	2-43					
E. by N.	2-39	1-42				
EAST.	8 2-33	1-15-				
E. by S.						
E. S. E.		0 - 1-3				
S. E. by E.						
S. E.		80-04				
8. E. by 8.						
8. S. E.		m 0-30				
S. by E.						
SOUTH.		0-41				
S. by W.						
S. S. W.		80-33				
S. W. by. S.	W0-19					
8. W.	49	0-41				
S. W. by W.	1-22					
W. S. W.	1-2.2-					
W. by S.	1.29	8 0-14				
WEST.	2.33	W 0-30				
W. by N.	3-05-					
W. N. W.	3-06	1-07				
N. W. by W.	3-08					
N. W.	3-14	1-5.7				
N. W. by N.	2-48					
N. N. W.	2-20	W 0-40				
N. by W.	1-23					
The second secon						

Examined and found to be correct.

Le. K. lemma Zaint, Navigator.

		0	1 0														
		Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Tear ths.	e.Sea.	-
Hour.	Knots.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of C Sky, in 10	State of the	
A. M.	2 3	711. 5	718717871 713/471	. 20 &	2			30.06	78	74	72	75	den	cir.cum	. 4	81	-
2	6 5	719.0	7 3/471	æ	2			30.04							8	"	
3	78	726.8			2			30.01	78	73	72	75	. «		8	4	
		735.2			3			30.00	1			/	4	4	4	1	
		743. 8		nn6.	2				//	, -		,	- bem	4	8	4	
	74			u	2			30.07	1000		*	-		4	6	4	-
	80	4		116	2					1	-	1	- be		7		
8	88	763. 0	n bin	*	2			30.07			-	1		*	7	и	
		ling in	4	a	2			30.08	1000	-	1	1		cum str.	5		
		o de la.	7000	North-	2			30.06		/	,	100			5	**	
	7	in wak			2			30.01	1	/	1	17		*	5	ч	
		gship.	7. 91 C	South-	1			30.00	1	*		1	4	cir.cur	5	4	-
	11									,	1						
	Course and	distance ma	ade good since preceding no	on by observations,					kı	nots.		tent	hs.				

Course and distance made good since preceding noon by observations,	knots.	tenths.	
(Latitude by D. R.	0 ,	"	
Longitude by D. R.	0 ,	"	
Position at Noon:	0 ,	"	
Latitude by observations of ⊙	0 1	"	
Longitude by chronometer from Forenoon Observations of ⊙		"	
(Latitude by	0	"	
Position at 8 a. m. (Longitude by	0	, ,,	
(Latitude by	0	, ,,	
Position at 8 P. M.		, ,,	
(Longitude by			
Current during the time, knots tenths per hour, setting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	•	" "	
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0	, ,,	
Variation of the Compass by Azimuth ⊙ observed at "		, "	
Variation of the Compass by Azimuth ⊙ observed at "	0	, ,,	
Water expended during the preceding 24 hours,		340 gallons.	
Water during the preceding 24 hours,		"	
Water remaining on hand fit for use at Noon,	20	00 "	
Coal consumed during the preceding 24 hours,	tons	lbs.	
Coal remaining on hand at Noon,	"	15	

. M.	91911	South-	1	29.9677 19 76	be	cum	5
2	South-	+	2	29.94 79 79 76	. 4		5
3	"		2	29.93 81 81 77	4	4	5
4			2	29.90 81 80 77	4	-	1
5	S 1/2 W.	&8%.	2	29.9080 79 76	4	cum s/2	6
6	mby n		3	29.90 79 79 76	4		5-
7	north-		1	29.92 79 79 76	и.		5-
8	"	East-	2	29.94 80 80 76			6
9	no by n	886.	1	29.97 80 80 76			3
10		nn6.	1	29.97 80 80 76			6
11	North-	Morth-	1	29.97 79 78 76		-	7
Mid.	nn6.	"	1	29.97 79 79 76	1		7

, 18 90.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

mid to 4 am. blear & pleasant. Bright- moonlight- Barometer falling Light- lo gentle breeze from MO. Ul- sighted bape This Light I poishet for's stoo. beam. Of- 1.55 Flag this mate sig. 199 and changed course to 194 M. without making signal of execution. This ship follows her change of course Ut- 3.05 Cofor Frie LI: bore ateans p. log reating 27.2 lev. strane 70 lbs: aver. pers 44.8 Licut. U.S. M. 468 am. Clear and pleasant, light - breeze from MM 6 x ME. Course Us 1/4 M until 7.30 when changed it to W by M. al 4.30 lost sight of bape Frivat bearing NE 1/4 6 (pse). Sighted several sails. Hargship signalled Len 200 & also northing signals: (lver steam 70 lbs: lever pers. 45; 2 W Ry Mass Fill Cusique U. S. M. Blear & pleasant. Light breeze from HE to H, shifting last hour inside hartor Flag ship and sood in for the harbor of Rio Janeiro in the water. At-8.50 sent-down the royal yards: Ut 9 the Summary bourt-Martial met and as journed at 9.45. Ul-11. 20 took in Batent-log reading 799.2 alt- 11.36 let go foort- anchor in 12 /4 fins: water, soft-muddy bollone orening 35 fors: on the chain. Bearings from anchorage (10.c) Rat Island (stachle) MMM22 and Stangent Fort de Ville gagnon Soy W 18 M. Ships draft ford 132"; amisships 14's". aft 16 5" Tracked fire; using remaining stram for Sistilling. Out the Bourt Martial prise. Men of war present in port; the Brazilian wessels. Riachurlo (Flagship) Ino monitor one etrotte, our dispatch boat and one sohooner and the English Sunboat Bramble The following signals were made during the watch: 8.50, 425; 8.55, 6070; 9.45; Esses 18 Hagship Mumual 1, num. o, num 125; 10. Dec. 18; 10.55; Len. 1244 Dec. 664, 0416; 12 6 ssex to flagship, Int. 4557; 12 Hagship to Cossea, Uffirmative all answered."

Meris to 4 pm

Partly cloudy weather Sight breeze from South - Breeze engaged deaning up

ship for port, vened to 45 fms. port chain. English Sunbrat. Bremble left the harber

4/5 8 form

Blear & pleasant - Barometer steasy Light-to gentle breeze from SSII.

Spm to Mid

Clear & pleasant - Light airs from SSE MME & North J. May Masan fall.

Examined and found to be correct.

Examined and found to be correct.

LOG of the United States Steamer Brazil.

Rate,

				WIND.				BAROME	TER.	TEMI	ERAT	URE.	State of	Forms of	Hear ths.	e Se
Hour. Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Sarface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.			Mby M	North-	1			29.95	78	78	76		be	cir	8	
2			0.	4	1			29.94	78	78	76			-	4	-
3 .			MEST-		1			29.94	76	77	78		4	*	4	
4			South-	16.	1			29.94	176	76	73	-	и	-	4	-
5			SM.	•	1			29.90	76	76	73	-	4		4	
6			north.	•	0			29.98	76	76	73	-	oem	cum	0	
7			*	1116.	1			30.00	76	76	73	1	bem	и	2	100
8			Mby M	Calm	0			30.03	77	72	71		o-c	eir cu	-0	
9			646	4	0			30.05	77	72	71		be	4	2	
10					0			30.05	77	76	74	4	00		0	
11	-		8871	Sby W	3			30.06	78	76	75	-		4	0	
Noon.			871	SB 71.	3			30.06	77	77	76			4	0	I I

Course and distance	e made good since preceding noon by observations,	knots. tenths.	
	(Latitude by D. R.	0 , ,	
	Longitude by D. R.	0 , "	
Position at Noon:	Latitude by observations of ⊙	0 / //	
	Longitude by chronometer from Forenoon Observations of ⊙	0 / 1/	
	(Latitude by	0 / "	
Position at 8 a. m.	Longitude by	0 / //	
	(Latitude by	0 / "	
Position at 8 P. M.	Latitude by Longitude by	o , ,	
Current during the			
Variation of the Co	ompass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //	
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset, "	· , ,	
Variation of the Co	ompass by Azimuth ⊙ observed at "	, "	
Variation of the Co	ompass by Azimuth ⊙ observed at "	· , ,	
	aring the preceding 24 hours,	390 gallons.	
Water Dista	illad during the preceding 24 hours,	390 gallons. 45 "	
	n hand fit for use at Noon,	1755 "	
	ing the preceding 24 hours,	/755 " / tons /295 lbs.	
Coal remaining on	hand at Noon,	123 " 1175" "	

P. M.						1	1	
1	Straylus	BW by W	3	30.06 77	77 76-	te	nimb cir.cum	4
2	2 W by &	88 71	3	30.06 7				4
3	8874	,	3	30.06 76	1111	"	-	2
4	South-	*	3	30.04 73	5-75-74	de.f.		0
5	"	Shyl	3	30.04 7	1-74 73	Du.		0
6	\$\$ 16	0.,	3	30.05 7	776 74	-		0
7	West		3	30.07 77	76 74	o.e.f. r.t.	2. "	0
8	nnn		3	30.09 76	1 1	0 .	a .	0
9	n 2.	8811	3	30.11 75	75-73	o.c.d.l.		0
10	South-		2	30.14 76	75-73	oed	*	0.
11	"		2	36.1477	74 73	o.e.r.		0
Mid.	"	4	2	30.15-77		-		0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 and.

Olean a pleasant. Sight airs from North: Commenced to soning to flood

of 2.25 & private at 3.35.

He & ask.

Secretally cloudy a hary one he land. Sight are from No & known. There we have for the same of flower of the son of the son accommendation of according to Shape of Source of the source of the state of the

Examined and found to be correct.

le. K. lemma Laine - Navigator.

LOG of the United States Stramer Esses, 3d Rate,
Ul-Rio de Janeiro, Brazil

			Was Nine		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.			lear ths.	e Sea.
Hour.	Knota,	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				SSM	Sw	2			30./6	77	73	72		Fo.e. R	nimb	0	
2				Sh by S	South	3			30./6	100		72			u	0	
3				686	686	2			30.16	76	73	72			u	0	-
4				886	386	2			30.16	76	73	72		*	u	0	-
5						2			30.13	75	72	72		-	u	0	
6				South		2			30./3	74	73	72		4	4	0	
7				688		2			30.15	1/2	72	72		4	4	0	
8				6/228	*	2			30.17	72	72	71		4		0	The state of the s
9				36		2			30.20	72	72	71	E			0	
10						2			30.11	72	71	70		4	• 6	0	1000
11				*		2			30.21	71	71	70			u	0	
Noon.				556		3			30.21	71	71	70				0	
								-									

knots. tenths.
0 / //
o , ,,
0 / //
, "
· , ,
o , ,
· , , ,
• , ,,
o , ,
o , ,
• , "
• , ,,
J3 & gallons.
a a
1417 "
tons 400 lbs.
123 " 776" "

P. M.							
1	Sby W.	356	3	30.22 72 69 70	o.e.r.	umb (0
2	5\$6		2	30.22 72 69 70			
3	4		2-4	30.22 70 68 68	o.c.p.r.	4	0
4			3	30.22 72 68 67	oc.	cum mint	0
5	4		3	30.25 73 69 67	o.e.r.		0
6	,	,	3	30.25 74 68 66		. (0
7	,		3	30.26 76 69 66	*		0
8	,		3	30.26 76 69 66	,	-	0
9	6116		3	30.28 76 71 68	ocd		0
10	"	h	2	30.30 75-71 68	00		0
11		"	2	30.30 75-71 68	46	"	0
Mid.	na by n		2	30.30 75 70 68	o.c.d.		0

, U. S. Navy, , 18 90 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

mið 10-4 am.	
gentle breeze from & raining steadily. Barometer 4 to 8 am.	steady. Light airs to
gentle breeze from &	1.1. Muston
	Sient-U.SN.
4 to 8 am.	
Overcast & heavy rain. Light briege from &	S. Sembles clothes
Ho 8 am. Overcast a heavy rain. Sight briege from & Rec's fresh provisions for crew.	W. Roy Masen Full.
	Amsian U.S.M.
8 a.m to Merid.	1 111
Overcast & painy Sight & gentle breeze for	on BSC. The Brazilian
fired a salute of 13 guns to the dominal M Came 3	tagship returnes it with
fired a salute of 13 guns to the dominal Mchanne of Brazilian flag at the forz. At give made signal Maniet to the Manne of Maniet to the signal answered.	It flag shelp Humeral 4, 0, 123.
answered.	more
Merid to 4 pm.	Consign U.S.n.
The flagship for delly.	ast hour. Fentle to guan
The briege from 00/6 dionong in moderate sque	allo third hour . Hood.
The flag this magged four of the Machuela. Den	De Jull
flagspige for dillig.	July Hur tolinan
4 1-8 6	-1:17/8 70
Description of the second of	Licut U. S. N.
from SSE. eloudy with pain first 3	nous: Spring briege
pone 200.	HT w.
Slow to Mid.	Light-21 & M
Generally pareast - Sight-briens	from SSE. Driggling
Spon to Mid. Senerally overeast. Sight-briege	1. 2 1 : 8
	Willin Mason Field.
	W Ry Masn-Field.

LOG of the United States Steamer Esses", 3d Rate,
Al- Rio de Janeiro, Brazil.

										-	-	2000				1000000	
			Reading		WIND.				BAROME	TER.	TEMP	ERA	TURE.	State of	Forms of	Hear other	ne Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the Sea
A. M.				nne.	nne	,			30.30	74	69	67		oc	aum. Him	. 0	
2				n by W	nnw	2			30.50	73	69	68	333	oed	4	0	1
3				9191 W.	nio	2			30.30					oc	41	0	
4						1			30.30	71	69	68		4	4	0	
5				SW		1			30.30	12	69	67		4	4	0	
6				8871		1			30.35			/		oed		0	
7				mnm		1			30.35	70	69	68		bed	4	1	
8				north-	nnu	1			30.36	70	68	67		be	4	1	
9					NNE.	1			30.37					. 4	nimb	3	
10						1			30.37			//		4	4	3	
11				68%	886	2			30.37	72	71	6		. "	4	3	
Noon.				\$6	u	2			30.36						cir cum	3	
																-	

Course and distance	made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	۰ ,	"	
	Longitude by D. R.	۰ ,	"	
Position at Noon:	Latitude by observations of ⊙	٠,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	, ,	"	
	(Latitude by	0,	"	
Position at 8 a. m.	Longitude by	0 ,	"	
	(Latitude by	۰ ,	"	
Position at 8 P. M.	Longitude by	0 ,	"	
Current during the	time, knots tenths per hour, setting to the			
	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 . /	. "	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0 ,	"	
	mpass by Azimuth ⊙ observed at "	0 /	"	. ,
Variation of the Co	mpass by Azimuth ⊙ observed at "	• ,	"	
Water expended du	ring the preceding 24 hours,		3/8 gallons.	
Water	during the preceding 24 hours,		u	,
Water remaining on	hand fit for use at Noon,	100	99 "	
Coal consumed duri	ng the preceding 24 hours,	tons	400 lbs.	
Coal remaining on l	hand at Noon,	/23 "	375 "	
			1	

P. M.					0			
1	\$/6.	South-	2	30.37 73 72 66	bec	int.	3	1
2	4	"	2	30.36 73 72 67		u	3	1
3		*	2	30.35 72 72 67	4	cir cum	4	4
4		6	2	30.35 72 72 67		и	4	1
5		56	2	30.35 72 72 67		cir.cum	6	-
6	"	68%	2	30.36 72 7/ 67	4	-	6	+
7	East		1	30.36 73 71, 67			6	+
8	ne.		2	30.37 73 72 69		-	6	+
9	N by 6		2	30.36 72 72 69	4		8	1
10	north-		2	30.36 7/ 71 67	"		7	+
11	1		2	30.36 71 71 68	-		/	-
Mid.			2	30.36.70 70 68	-	- 1	7	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mis lo 4 am.	
Overcast & cloudy. Driveling raine	sand bon Sill-
and aguilte freeze from UME mile 1876	crone now. Anym airs
fine fine fine fine fine fine fine fine	Production.
46-8 a m	Control of the same
Marcada & Baganeta ini	mough a.D.M.
Silt- aisi har now no no nes en promy,	occasional showns.
and gentle breeze from MME, MMW, & MW. 4 to 8 a.m. Overeast & cloudy Barometer pising, Light- airs from MW & MMW.	1-180
2 2 2 1 - M s	p of 1. Minter
oam. To encuo.	dient U.D. M.
MME 808 Meast & cloudy, clearing. Light airs	· to light - brieze from
8 am. to Meris. Overeast & eloudy, clearing. Light airs MME. & SSE. Al-9.30 Inspected at-glearters & evere 2 m Div. Infantry 3 & Porroter Div Instruction & Margh. De	cesed 1th Dir great guns
2" Div. Infantry IN Porreter Dir Instruction & Margh. De	v. Single Sticks.
Merio lo 4 pm. Jair. Light breeze from South: Hood. of following signals where mask by the flagship: 1.20, C 3.30, 2984; 3.55, 4826. All answered In Bournar Official visit- to the Brazilian admiral. Wello. 4 to 8 pm.	JAhr ilm
Merio la 4 pm.	Lieut U.S. V.
Fair. Light breeze from South. Flood.	Ul- 1.40 loosed sail. The
following signals where mask by the flagships -1.20	Pacho. 5456: 1.45 5486:
13.30 2984. 3.55 4826. All answered & The Common	was Other paid in
official visit- to the Brazilian Admic al Mullo.	
Maria de Mar	Ga Tulldalina
4/0 8 hm	July of art toward
flant anathan lillatant	989
dear fine weather, ugus orige from	600 h. # 1/11
-1- + 711:-	My Masin Field
8 pm to Mis. J. C. It I ces	& M Consign a. D.M.
Jun. Light bring from 160%.	565 /tde. /1/1/1
	Ging & Wytolman
4 to 8 pm. blear fine weather, light-breeze from 8 pm to Mis. Juin. Light-breeze from ESE.	Such U.S.M.

LOG of the United States Steamer Essex", 3 de Rate,

		_				-				1	-	-					
			Reading		WIND,				BAROME	ETER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				n by E.	68/6	2			30.36	70	70	68		bs	cum	7	
2				0.,	EN6	2			30.34	70	70	67		u		7	-
3			1		*	2			30.34	70	70	67		4		7	
4					•	2			30.33	1	1	1.		•		7	-
5				Morth-	4	1			30.34	1000		111			cir cum	2	
6				E by M.		1			30.35	1	1				cir cum. Al	7.1	1
7				SE		1			30.37	1	1		3	и		1	1
8				East-		1			30.38		1					1	
9				nne	4	1			30.39	1000		1000			cum nime	1	
10				SI	56	3			30.39		/	- 1		и	"	4	
11				686		1			30.39					4		8	
Noon.				South	South-	2			30.39					-		6	
											-	/					

Course and distance made good since preceding noon by observations, knots, tenths. Latitude by D. R.				
	0	,	"	
	0	,	"	
Position at Noon: {	•	,	"	
	0	,	. ,,	
	0	,	"	
Position at 8 a. m.	0	,	"	
AT about to		,	"	
Position at 8 P. M.	0	,	"	
7	0	,	"	
	0	,	,, .	
	0	,	"	
	0	,	"	
		3/	gallons.	
		78	4 "	
Coal consumed during the preceding 24 hours,	to	ns /	255 lbs.	
Coal remaining on hand at Noon,	/22	" /	360 "	
		7		

. M.							1 1/2 1/2	
1		South-	South-	3	30.35 78 72 67	6c	ar.cum	6
2		6 by S	886	3	30.33 74 73 68	*		3
3		6/16	68%	3	30.32 73 73 68	oe.		0
4 11		Cast-	*	3	30.32 73 72 68			0
5		"	8%	3	30.32 72 72 67	be	cum.str	1
6		"	"	3	30.32 72 72 67	"	-	9
7		"	,	3	30.32 72 72 68	4	4.	9
8		"	,	3	30.32 72 72 68	,		9
9		16	686	3	30.33 72 72 68	6	none	10
10				3	30.34 74 72 68	. "	-	10
11	-	,	Cast-	3	30.34 74 7/ 67	"		10
Mid.		nnE.	EN &	3	30.32 73 70 66	"		10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 am	
Mid to 4 am blear fine maker, light- 4 to 8 am.	breeze from ENE. x ESTE
	W. Ra Mason Full.
4 6 8 am.	Chriga U.S.N.
bloudy. Light airs from	a GHO. Barometer pising slowly.
4 to 8 am. bloudy. Light airs from 8 am. to Merid.	J.T. Hewlow
8 am to Merid. Blear fine weather variable and inspecting elithing + made out ofthe	letting barren M. to to the
and inspecting elething + made out eloth	ina lista: balles all lands to muster
ans reas the following S. 6.M. eases-	oig. H.a. Somes Pot U.S.M. B) sentenced to the
following punish ment: Solitary confin	e might in south irons on breas & goaler
for hurly (30) days with full ration every	y fifth (5) day and to the loss of two (2)
months pay amounting to twenty sea	ollars (26). G.M. Carver D. Bugler)
To be confined for thereing (30) Jayo: but on	account of accommendation for elemency
Manus (Engr Geo) to be reduced to the	officer to fifteen (15) days. V.O.M.M.
and to lost 3 months loay ammountin	to to looks right (48) soller Our record
of some irregularity in the Enlishmen	nt- of P. D. M. Me Manus (Engr. Fee) the
sentener was disappeoved by the bonning.	Officer & hE was peleased from confinment
Sentiner was dis approved by the Coming. and pressons to duty. Confined K. a. Jon obscience to the sentence of S. C. M. The	ier (Pot M) and E.M. Carver (S. Bugler) in
gilian borotti Ulmiranti Borroso ans or	a Comog Guer called officially on the Bra
Solimors.	, , , ,
	W. Ry Masm Field.
Merit 10-4/0m.	Ensifer U.S. M.
H. Of Mostly cloury and cool with	gentle breeze from South to 686.
In marge of Uffaire paid an official	call on the Comog. Officer. Fiers
turn call of Some the alleminance to	arosto & nov Prazilien "monitor" to Re.
Janes J. States.	Pratione.
4 lo 8 pm.	Ensign U.S.N.
blear and pleasant: Gentle	bruge from SE. At 4.30 musteres
at-quarter	Cr. Justo
The Charge of Officer foais an official came on board from the Almirante (2) turn call of Shorning. Officer. 4 to 8 pm. Blear and pleasant: Lentle at-quarter 8 pm to Mis. Blear and pleasant: (2) Cost and Elear and pleasant: (3)	7109 40140 man
Blear and bleasant- (Baroweter starte hearth here!
Cast and EME.	and the state of the
	Sicul: U.S. M.
	Dieut: 71 & 71

Examined and found to be correct.

le. K. Leurthi Laint. Navigator.

			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Hear othe.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				nne.	ENE	3			30.29	72	70	66		de.	none	10	
2				North	"	3			30.27	/	1			4	.,	10	
3				MbyW	"	2			30.26	71	69	66		4	4	10	
4				1.	"	2			30.25	71	69	66			1	10	-
5					4	2			30.26	70	69	66			cum	9	13
6					"	2			30.28	69	69	66		-	4	9	-
7				East-	4	2			30.28	69	69	66		, "	4	9	100
8					"	2			30.28	69	69	66		beg		7	1
9				WNW	nn	2			30.27	70	70	66			-	7	-
10				nw	7.7.00 5.5	1			30.26	1		1			4	7	-
11	1			nnw	Milly	2			30.24		/					7	
Noon.				West-	South	2			30.23	12	69	72		*	4	7	

Course and distance made good	since preceding noon by observation	ns,	knots.		tenths.
(Latitude	by D. R.		0	,	"
	le by D. R.		0	,	"
Position at Noon: {	by observations of ⊙		•	,	"
Longitue	le by chronometer from Forenoon C	Observations of ⊙	0	,	"
(Latitude			0	,	"
Position at 8 a. m. Longitud			0	,	"
(Latitude			0	,	"
Position at 8 P. M. Longitud			0	,	"
Current during the time,	knots tenths per hour, s	setting to the			
Variation of the Compass by A	Amplitude ⊙ observed at Sunrise, sh	nip's head	0	,	"
Variation of the Compass by A	Amplitude ⊙ observed at Sunset,	u	0	,	"
Variation of the Compass by A	zimuth ⊙ observed at	"	0	,	"
Variation of the Compass by A	zimuth ⊙ observed at	u	0	,	"
Water expended during the pre				3/4	gallons.
Water	during the preceding 24 hours,			,	"
Water remaining on hand fit fe				460	(· "
Coal consumed during the prec			ton	12.	55 lbs.
Coal remaining on hand at No			/22 "		
our remaining on hand at 110	ou,		1		

. M.										
1	SbyTr	Sby &	3	30.22	72	73	70	be	um	9
2	Elist		3	30.17	74	74	72			9
3	26	"	3	30.16	76	76	72	6	none	10
4	north-	"	3	30./3	76	76	73	be	cum	- 9
5	& by Tr	South	3	30.10				4	cir. cum	7
6	0 .0	0 0 7 -	3	30./0					4	8
7	Dough-	SSW	2	30./0	11	1			•	8
8	286	"	/	30.//				1		9
9	n by W	"	1	30./2				*	cum	9
10	nno	*	1	30.14	11		1'	-		9
11	WN W.	"	1	30.14	11		1	1		9
Mid.	"	"	1	30.14	77	73	72	4		9

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mis to 4 a.M. blear bright-starlight- with more last two hours: Moon pose about 2. am. Lentle to light-briege from & ME. 4 6 8 am. Jon Pensacola 5456. Caller all hands and loosed sail to a bordina at 7.30.

Starko fire under boiler B. for distilling purposes at 7.55.

Designation Licut. U.S.M. blear & foleasant . Light- airs to light breeze from NW. and new by w. fish part shifting to South at-11. Commences swinging to est at- 9 and finished dat-11. at-9.30 mustered at quarters. At-9.45 sent-out-all boots for drill withvars & sails: At 11.15 commences sixtilling. At- 11.30 furles sail. Contre assuiral Mello of the Riachuelo sent his secretary about with his card and thanks for Wisit The captain of the "Riachuelo" sent his first officer about to return the visit of the bomog officer with the excuse that the captain of the Riachuelo was ill and couls not come in person. The following signals were made: - 9.45 Essex to Flagship hum. 5: Mum. 0; Mum 122. At- 11.30 Flagship South of the South of the Ballimore came in and anchores.

South of the Spin.

South and toleasant of the South of the spin of the second of the sec Gen. 4826. All answered. Distilling. Moris lot am. Ho & p.m. Lieut. U.S.M. South Baroneter strasy. Lenter breege from South and SSU. South and see a.

8 fm li Mis.

Blear and foliasant: Light-airs from SSW. Distilling Prosestone
Emsign U.S.M. (Lieut-U. S.M.

Examined and found to be correct.

Le. K. Lunko Laurt, Navigator.

LOG of the UNITED STATES Stramer Essex.

U- Rio de Janeiro, Brazil.

		199	Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of For	Forms of	lear ths.	e Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				North-	West-	1			30./2	75	- 74	71		f.	none	10	
2				nw.	"	2			30.10	74	73	71				10	
3				n by W	nw.	1			30.08	74	72	70				10	-
4					5 5 5	2			30.08	73	72	70		1	,	10	-
5					nne	1			30.07	73	72	70		bem	ein dr.	9	
6				nnw.		1			30.08	73	73	70		*		9	
7				nn E.	"	/			30.09	74	73	70		*	*	9	
8				Cast		1			30.09	74	73	70		,		8	
9				W by M	nnw.	2			30.09	74	74	71		de	-	7.	
10			,	nW by n	Wnw.	2			30.08	76	77	73			stra	6	
11				nnn	nnus	2			30.06	76	77	74		4	cir.cum	4	
Noon.				4	North-	2			30.05	77	77	75		•		4	

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.		, "
Longitude by D. R.	0	, ,,
Position at Noon: Latitude by observations of ⊙	0	, "
Longitude by chronometer from Forenoon Observations of ⊙	0	, ,,
(Latitude by	0	, ,,
Position at 8 a. m. Longitude by	0	, ,,
(Latitude by	0	, ,,
Position at 8 P. M. Longitude by Longitude by	0	, ,,
Current during the time, knots tenths per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	•	, ,,
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	•	, ,,
Variation of the Compass by Azimuth ⊙ observed at "	0	, "
Variation of the Compass by Azimuth ⊙ observed at "	0	, "
Water expended during the preceding 24 hours,	·	325 gallons.
Water Distilles during the preceding 24 hours,		00 "
Water remaining on hand fit for use at Noon,	17	40 "
Coal consumed during the preceding 24 hours,	/ tons	535 lbs.
Coal remaining on hand at Noon,	/20 "	1810 "

P. M.		1			,		
1	N by W	nw.	2	30.01 79 80 75	be	cir.eum	1
2	1,	•	2	29.99 80 80 75	и		1
3		north-	2	29.97 81 81 76	4		4
4	nnro	SSW	1	29.97 80 80 77			2
5	n by m	*	1	29.97 80 80 76			2
6	,		1	29.97 80 80 76			1
7	26	balm	0	29.97 81 80 78	*	1	8
8	East		0	29.97 81 80 78	6.	nane	10
9	Shylo	S& W	1	29.97 81 80 78	0-0	4	0
10	West-	nnw	2	30.00 81 81 78	be	-	4
11	north-		2	29.99 80 80 77		4	3
Mid.	"	"	1	29.99808077	6	-	3
100000000000000000000000000000000000000				1//			

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

mis 1-4am.	
Clave and blemant Cilla since 1- 1:11	ge from Wans ness
Moon pose at- 2.20. Distilling	
11 1- 2 -	Jung Hartolman
Thosam.	Licul-U.S. M.
mancast cooling al-1/30 De wall- It file 1/1/2 1/1/2	is from M. W. Com
bush beek 120 lb - reastables: & abill - loss of the Dell-	comissipo. Reed 120 lbr
I made uniform signals off. 16, ma, 18 and books 15	men. us y Venencola
Moon pose at-2.20. Distilling Ho 8 am. Blear and pleasant. Mishig over the lant. Light-at mencest evaling at-6.30. Dasight- of ship 13 forts. 16'2" aft; 14 forsh beef, 120 lbs. vegetables a golls-beens in Pay Defot- for use of mass uniform signals- aff. 16, mg. 18 and postin 15. 8 am to Meris. Bright-and source. Barometer falling slowly.	J.M. milus
8 am to Meris.	Calient-U.S. n.
Bright and warm. Baronder falling slowly.	ight-briege from n'in w.
and M. Finished evaling at 11.45 having received 56%	2 Lour- Stagshils fired
13 guns about 10.30 Brazilian Ensign at- fore. Fort Vill	egagnon pepolised,
Draught after coaling for 13'8". of 16.4"; amisship 15	asies Il- Il
Spunish ments: b. E. Eales (Out) Dirly gloves at quarters -	Thes extra Hubi M & Ol
(Down) Using indecent & observe Language Towards . Con	+ a.R. West while on
post I watch for I week at life hovy in boot from 8-1	12 Pm. B. Bertelven
Dea) Insolener to B. Mala - Reduced to 2 nd clas	· from Norber 7th - Davil
Parker (Los) barelessness-braking sishes - I night wo absent from boals-falls - one hour extra duty.	atch. Vat. Dougherty On,
from some face - one hour totra duly.	1914 1-
Maris to 4 pm 1.	Sirus-U.S. M.
O lear fine weather, very warm. I	ght- breeze from MWA
Distilling. Washed Some spardeck.	by P B . G.
14 hans 1- 0 h	V. My Mason tall.
1 pm 10 spm.	Gusign U.S.M.
U- 4.30 musteres at quarters:	and from DDW.
Distilling. Washed Some spardeck. 4 form to 8 fm. Of 4:30 mustices at quarters: Som to Mis	amorane
8 pm to Mis.	Ensign U.S.N.
Sloupy pleasant- mathier. Light- airs.	- to light - breeze
fom MMW. Distilling.	7.
	Lieut-U.S.M.
	acus a.S.
	1
	What is not the first of the same of the s

Examined and found to be correct.

le. K. Lewer

LOG of the United States Steamer Essex.
Al-Rio de Janeiro, Brazil.

			Reading		WIND,				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	Hear ths.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				nn w.	wnw.	2			29.98	79	79	76		Lelp	cum. rimb	4	
2				*		2			2998	79	78	75	-	4		4	
3					SW	2			29.98	77	77	74		be	и	1	
4						2			29.98	10000	11				4	6	
5				n by W.	balm	0			30.00						cir.cum	1	-
6				,	SSW	1			30.00			1		u	4	1	
7				68%	South-	1			30.03	11	11	/		A	"	1	100
8				886		2			30.05	1	111	/			eum nim	41	
9				South-	balm	0			30.05	77	76	74	4	aed	eurs. min	40	
10					586	1			24 07	7/	76	714	138	4 -	4	0	
11				S6 by E.		2			30.06	76	76	74		4	u	0	
Noon.				Eby &		1			30.07	75	75	73		4	4	0	
									1	1		1				1	

Course and distance	made good since preceding noon by observation	ns,	,	nots.		tenths.	
	(Latitude by D. R.			0	,	"	
	Longitude by D. R.			0	,	"	
Position at Noon:	Latitude by observations of ⊙			0	,	"	
	Longitude by chronometer from Forenoon (Observations of ⊙		0	,	" .	
	(Latitude by			0	,	"	
Position at 8 a. m.	(Longitude by			0	,	"	
	(Latitude by					"	
Position at 8 P. M.	Longitude by			0	,	" :	
Current during the t	time, knots tenths per hour, s	setting to the					
Variation of the Cor	mpass by Amplitude o observed at Sunrise, sh	nip's head		0	,	"	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,	"		0	,	"	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"		0	,	"	
Variation of the Cor	mpass by Azimuth 3 observed at	"		0	,	"	
Water expended dur	ring the preceding 24 hours,				346	gallons.	
Water Disti	U26 during the preceding 24 hours,			1.	136	"	
Water remaining on	hand fit for use at Noon,					1 "	
Coal consumed during	ng the preceding 24 hours,			2 tons	86	O lbs.	
Coal remaining on h	and at Noon,			4 "			
			/		1		

P. M.									
1	Wby 8	South-	3	30.07 7	3-75	73	ocr	rinch	0
2	n by n	& M.	3	30.07 74	4 74	72			
3	1"		5-4	30.08 7			ocra		0
4	8.25	8871.	3-4	30.09 7		1	ocrg,	4	0
5	SW by S	South-	3-5	30.12 7			ocam	4	0
6	225	Strby W.	3-5	30.13 7	-	1.			0
7	1-1	SSIN	3	50.18 7	571	70	4	*	0
8	\$ 20 by 25		3	30.20 7			4		0
9	88/6	nn	1	30.20 70	172	70	*	u	0
10	& by &	4	1	30.21 70				4	0
11.	0,1	838	2	30.21 7	5 70	69	*		
Mid.	"	-	2-4	30.217	472	77	ocgr.	nimb	0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mis 10 4 am.	
Mis to 4 am. blowsy, passing shower 12to 1. Light briego 4 to 8 a.m. Generally fair, Balms x light airs from a same to Merit.	from MMW. x &W.
	1. 1. Mulow
4 to 8 a.m.	Sicul-U.S.n.
Denerally fair, balms & light airs from	x sollen h
2074 - 74 .	W. Ky Mason tall.
8 am to Merit.	pusign U.S.N.
Torreast a cloudy with Speggling paine	el-9.45 hoisted signals.
Rumeral 6 - 0 - 176. Flagshifs made signal at-10.	10 aff. 16. Meg. 10; Posts 15.
Rumaral 6-0-175: Flagshifs mate signal at 10.	anna -
Menis de 4 hours	Cilia men
Proceed to fight.	t for all the
blowing in motivate would letter band Is the	Pic. It
Meist to 4 form. Overcast & rainy. Sentla breeze from blowing in moverate squally latter part of watch. ist. at 2.10 stopped sidilling and let the fores di Sisteller 2981 gallons. 4 to 8 bm.	riving between wind and
Tistelles 2981 gallons.	aonic. Orac amount
	Suga Lent toler and
light- squalls. Sense brazz from s	Juge Flet Holmani
Cloudy rainy & stormy. Lenter breeze from	& & Wlo South - biguent
light- squalls.	
	Mirilia
8 /3.m. 1 a Mis.	Vient U.S. N
Overcast & rainy . Light airs from MU. a	light - freeze from 886.
8 p.m. 10 Mis. Overcast-& rainy. Sight-airs-from MW. &	Wellen hasin full
	Onfign U.S.M.

LOG of the UNITED STATES Steamer Essex Ul- Rio de Janeiro, Brazil

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	Hear other	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				20 by 12	8820	3			30./8	70	70	68		ocz	minh.	- 0	
2				nto,		3			30./8	/	1			4		0	
3				nusbyn	•	3			30.17	72	68	66	-		4	0	
4				/		2			30.17	71	69	67		4		0	
5				nnw	mnu	1			30.17	72	69	68		oed	4	0	-
6				nwbyn		1			30.18	69	67	66		oc.		0	10
7				nnn	•	1			30.19	69	67	66		oem	4	0	
8				nwbyn		1			30.19	69	67	65		4	-	0	
9				South-	nto	1			30.22	70	68	67		06	cum im	60	
10				8.8.6		1			30.21	70	70	68		be	-	1	
11				South.	South-	1			30.2/	70	71	69		oem		0	
Noon.						1			30.2/	71	71	69		4		0	
Acres 640															the Real Property lies and the Real Property lie		

Course and distance made good since preceding noon by observations,	knots.		tenths.
(Latitude by D. R.	0	,	"
Longitude by D. R.	0	,	"
Position at Noon: Latitude by observations of ⊙	•	,	"
Longitude by chronometer from Forenoon Observatio	ns of ⊙ °	,	"
(Latitude by	0	,	"
Position at 8 a. m. Longitude by	•	,	"
(Latitude by	•	,	"
Position at 8 P. M. Longitude by	0	,	"
Current during the time, knots tenths per hour, setting to t	he		
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	•	,	"
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0	,	"
Variation of the Compass by Azimuth ⊙ observed at "		,	"
Variation of the Compass by Azimuth ⊙ observed at "		,	"
Water expended during the preceding 24 hours,		332	gallons.
Water Disf-illed during the preceding 24 hours,		105	"
Water remaining on hand fit for use at Noon,		2203	"
Coal consumed during the preceding 24 hours,	t	ons /3.	of lbs.
Coal remaining on hand at Noon,	/74	" 72	0 "
		/	

P. M.									
1	nnw	SW.	2	30.17 7	1 71	69	oc	cum. str	0
2	"	South-	2	20.14 7		1.	fe		1
3	nw	4	3	30./3 7		-	*		1
4			3	30.12 7	1		ac		0
5	WEst-	,	3	30./2 7	-			umb	0
6	nnw	и	2	30./3 7	1			1200	0
7	noth-		2	30./3 7.	-				0
8	n by 20		2	30.13 7	4 73	72		K	0
9	East.	"	1	30.15 7	3 74	72	00%		0
10	38		1	30./6 7			1		0
11	South-	"	1	30.16 73		-			0
Mid.	1	и	1	30.16 7	3 73	71		4	0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

mi 1- 4 am.
Mis 12 4 am. Overcast clousy & rainy. Light and gentle bregge from SSW. 4 108 a.m. Ensign US.N
Ensione
4 / 08 a.m. Overcast. Light-sniggle fish half how. Light- ins. harling from 881 li MW. at- y Flag ship made snew signals. Gugaftetfolman
on 1- wereast dight- sniggle fish half how. Light- airs har ling from
Dell to MW. Ul- 7 Hag ships was ones signals.
Jungestellfolman
8 am. lo Meres.
8 am. lo Meris. Sight-airs from MW to South: U-9.30 boms g. officer inspectes the ship with event at quarters.
Lings with event as quarrers.
Maris 1- 4 lom.
Overcaste a cloude harmestia lelling Si et- 1- 11:1
Meris to 4 fom. Sient-U.S.M. from SN and South- Light to gentle bruge 4 to 8 fom. Light - 10 gentle bruge Light - 12 & M.
1. Whinter
4 lo 8 pm.
to a Correast & cloudy. Light - breeze from S. J. Les gory (iel Web) and
4 lo 8 pm. Overcast & cloudy. Light-breeze from S. S. Eregory (vel 1/5) and F.b. Weber (OS) left-hi gig without permission & remained about: 8 lom to Mis
Why Marin field.
8 frm to Mis. Consign U.S.M.
e I Corread with occasional passing shows Light - airs from
South. At-8.45 commenced to soring to floor & finished at-10.30, Jung Holyman.
Jing FIRA Plyson
Lieut-a.S.M.

LOG of the United States Steamer Esses", 3 de Rate,
Al-Rio de Janeiro, Brazil

										1							-
	Reading			WIND.	WIND.			BAROMETER.		TEMPERATURE.			State of	Forms of	lear ths.	e Sea.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	COURSES STEERED by Standard Compass. Direction by Standard . S S S S S S S S S S S S S S S S S S	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se			
A. M.				n by W	20-8215	1			30./0	73	72	7/		oed	cum nim	40	
2				north-	,	1			30.08		10 300	/		ae	*	0	
3				"	balm	0			30.00	73	72	71			4	0	
4				nne	nE	2			30.06	72	72	71		00/0	*	0	
5				N by &	*	1			30.06	73	72	71		"	*	0	
6				north-	Non E	0			30.06	72	72	71		be	cit cum	1	
7				" " " " " " " " " " " " " " " " " " "	\$25	1			30.07	72	72	71		bene	nimb	1	
. 8				Ebyn		/			30.07	72	73	72		oc	cum min		
9				Sesti	South-	2			30.08	72	73	72		o e	nint	0	
10	-			South-	• 11	1			30.10	/	1	1		4	nime	1200	
11	1			Dby W.	North-	1			30.08	1		1		4	cumi.nin	nt o	
Noon.				',	nw.	2			30.07	73	74	73		be	4	/	

Course and distance	made good since preceding noon by observatio	ns,	knots.		tenths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of ⊙		0	,	"	
	Longitude by chronometer from Forenoon (Observations of ⊙	0	,	"	
18	(Latitude by		۰	,	"	
Position at 8 a. m.	Longitude by		•	,	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		0	,	"	
Current during the		setting to the				
-	mpass by Amplitude ⊙ observed at Sunrise, sh		0	,	"	
	mpass by Amplitude ⊙ observed at Sunset,	u	0	,	"	
	mpass by Azimuth ⊙ observed at	"	0	,	"	
	mpass by Azimuth ⊙ observed at	u	•	,	"	
	ring the preceding 24 hours,			338	gallons.	
Water	during the preceding 24 hours,				"	
	hand fit for use at Noon,		-/	863	"	
Coal consumed durin			oo lbs.			
Coal remaining on h			174 "			
Cour remaining on i	1000,	1/1	~	0		

P. M.								
1		balm	0	30.07 75 75 74	be	cum sum	61.	
2	North-	4	0	30.05 75 76 75	oc		0	1
3		86	1	30.03 74 75 74	4		0	1
4	nus	"	1	30.01 74 74 72	och	,	0	
5	1	South-	2	29.99 75 75 74	4		0	1
6	north-	nw	1	29.99 77 76 74	"		0	
7	n by 6	"	1	29.99 78 76 75	oc	4	0	
8	1	"	2	29.99 78 78 77		-	0	
9	16	north-	1	30.01 78 77 76		nimb	0	
10	256	nn6	1	30.02 78 77 76	*		0	
11	South-	East.	1	30.02 76 77 76	*	"	0	-
Mid.	Sby E.	86	1	30.01 76 76 75	be		3	-
	1							1

, U. S. Navy, , 18 90.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid lo 4 am. Overcast, cloudy with light Spigle first from WS W & calms: 4 lo 8 am Overcast or cloudy, misty at times. Balms as Barometer strady. Ree'd in Pay Dept. 120 lbs. beef, 120 8 am to Meris. Blearing latter loant of worth. Variable Mustered at quarters x exercised of Sivisional Spills	
Overcast cloudy with light Single first	& last hours Light-ries
from WS W & calms:	The state of the s
	- Through
4 lo 8 am	Lieut- U.S.M.
Overcast or cloudy, misty at times. Calms as	us variable light- airo-
Barometer strasy. Resid in Pay Dept- 120 lbs beef, 120	los veg stables x 96 lbs bress.
1 344	J. Th Herolon
8 am Tolkeris.	Lieut-U.S.n.
The to bearing latter point of worth, Dariable	light aus & breezes.
Mustered at quartero: x exercised of Sivisional Spills	: Deril pervanto of \$10
for the appetension & Selivery of J. Spegory (Id apple on board this ship, to the U.S. Consulate to be seen) x J. C. Miter (OS)
on sours aux ship, to the U.D. Consulate to be sen	at Ight Chief of Police
Loosed sail in obedience to signal from flagship following punishments viz. Jas: Dayer (bil) absent from for	o. Comog. Officer inflicted
I to be other a - included - to Mine I to be the	11.1.1. 14 15
Durant (Low) basele unter of old hing dielo males on sech	hanger for might a. C.
Durant (Los) Carelessnes; slopping dirly water on sech telling blok F. Jop to go to hell - Reduced to 415 classis.	es: Flandile signales
5535:	1. O C
	W. Noy Mason Juld.
Meris lo 4 pm.	Emsign U.S.N.
Overcast & cloudy. Lalm and light- an	in from & E. al-3,50
flagship made signal 4826. Called all hands and fur	led sail
	Umsione
4 10 8 form.	Ensign U.S.N.
Les borcast. Light passing chorous first pa	ert. Light airs to light-
onege packing from \$16 ho Mel. 1606. all 4.00 The	agship made signal
2907 ansa.	Qua Libilio
s fom to Mis	July wy toluran
Meris to 4 pm. Overcast & cloudy. Lalm and light and flagship made signal 4826. Called all hands and fur. 4 to 8 pm. Overcast. Light passing chorous first pa bruge backing from SE to NW. 16bb. At- 4.00 Ft. 2984 and. S pm to Mis. Overcast. Barometer steasy. Hind.	light aux mariable
Chocken. Could be strong . Wina	
	J. Thewton Sient-U.S. M.

Examined and found to be correct.

le. K. leutr Zaid Navigator. LOG of the United States Steamer Essex, 3d Rate,
Al- Rio de Janeiro, Brazil

																-	
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balls.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Ser
A. M.				South-	56	/			36.0/	76	76	74		de.	cum otr	0	
2				N by 6		1			30.01	76	74	77		4		0	
3				1.	*	1			29.99	76	76	75				0	
4						1			29.98	76	73	-74		u	indust.	0	
5				MWby n	MNW	1			29.97	76	-76	75		de	4	1	
6				nne		1			29.97	75	75	74		oc m		0	-
7					4	1			29.98	75	75	76		*	u	0	
8				N by E	1116	1			29.99	76	75	75	-	bem	*	1	-
9				nn6	718	1			30.00	76	76	76		de	4	5	
10				East-	*	2			30.00	77	77	76		4	K	5	
11				26	nne	2			30.00	78	78	76		4		5	
Noon.				South-	116	2			29.99	78	78	76		*	6	5	
											-	1000					

	Course and distance	made good since preceding noon by observation	ons,		knots.		tenths.	
		(Latitude by D. R.			0	,	"	
		Longitude by D. R.			0	,	"	
	Position at Noon:	Latitude by observations of ⊙			0	,	"	
		Longitude by chronometer from Forenoon	Observations of ⊙		. 0	,	"	
		(Latitude by			0	,	"	
	Position at 8 a. m.	Longitude by			0	,	"	
		(Latitude by			0	,	"	
	Position at 8 P. M.	Longitude by			0	,	"	
	Current during the t	ime, knots tenths per hour,	setting to the					
		npass by Amplitude ⊙ observed at Sunrise, s	hip's head		0	,	"	
	Variation of the Con	npass by Amplitude ⊙ observed at Sunset,	u		0	,	"	
1		npass by Azimuth ⊙ observed at	u u		0	,	"	
	Variation of the Con	npass by Azimuth O observed at	"		0	,	"	
	Water expended duri	ing the preceding 24 hours,				390	gallons.	
	Water	during the preceding 24 hours,					"	
	Water remaining on	hand fit for use at Noon,			1	475	• "	
	Coal consumed durin	ng the preceding 24 hours,				18/30	7 lbs.	
	Coal remaining on ha	and at Noon,		/	73 "			
				1				

P. M.						, ,	
1	n W by W	nne	2	29.96 78 79 76	be	cir. cum 6	
2	Tr by &	South-	3	29.93 76 77 75	4	" 6	
3	nwby h	"	3	29.91 76 76 74		4 6	
4	. 0		3	29.89 77 77 74		. 6	
5	WNW		2	29.91 78 78 75		. 6	
6	Wast-	*	2	29.91 78 78 75		. 7	
7	nnw		1	29.92 79 78 75		1 7	
8		•	1	29.94807977		. 8.	
9	76	balm	0	29.9480 80 78		. 6	
10	\$6	716	1	29.968079 77	"	4 6	
11	South-	4	1	29.968/ 79 77		. 6	
Mid.	"	"	/	29.90-80 79 76		- 5	
		Part of the last o		1////////	1		100

Commander a & Anna M. B. MINT ander the command of Tresslay Marson fin 4 4 110881 KALIMATE ALE ALEKALIKA BARKALIKALIK ALE ALA BERKALIK under the command of Commander A. S. Snow, U. S. Navy, Tuesday November 11th, 1890. THE MISCELLANEOUS EVENTS OF THE DAY. Mid to 4 am. Overcast or cloudy. Light airs from SE. W. Roy Masonfield Ensign U.S.N. 4 to 8 am Overcast & misty. Light airs from NNW & NNE. At 7.00 Flagship made signal off. 16, Neg. 18, Pos. 15. Amsione Ensign U.S.N. 9.30. At 9 loosed sail to a bowline. At 9.30 muster at quarters and drilled at great-guns. All divisions at great guns and Powder Division at stations. At 11.00 observed his flag ensign down at the head of the American Ship Lydia Skolfield. Sent an officer to the

8 a.m. to Merid. Clear and pleasant. Light air to light breeze from NE and NNE. Commenced swinging to flood at 9.00 and finished at 9.30. At 9 loosed sail to a bowline. At 9.30 muster at quarters and drilled at great-guns. All divisions at great guns and Powder Division at stations. At 11.00 observed his flag ensign down at the head of the American Ship Lydia Skolfield. Sent an officer to the flagship with the information and ____ to report ___ his duty. The officer was sent aboard the ship and found that a fight had taken place among the crew ___ that ___ had been ___. The following signals were sent Flagship to Essex. 8.48. Reply 5456 & Sent 5456. Essex to Flagship. 9.45 num. 6 num. 2 num 74. Flagship to Essex 18.15, 1087. All answered. Absent: J. Gregory (Mec App) & F. C. Wehr (OS) Enlisted Ole, Peter Olson as (Lds) for Cruise of Essex. George F. W. Holman Lieut. U.S.N.

4 pm to 8 pm Clear, pleasant. Barometer steady gentle breeze. J. P. Newton Lieut. U.S.N.

Merid to 4 pm. Warm & pleasant. Light to gentle breeze from NNE to South. F. A. Wilner Lieut. U.S.N.

LOG of the United States Steamer Essex, 3d Rate,

Al- Rio de Janeiro, Brazil.

			Reading		WIND.				BAROME				URE.	State of	Forms of	Hear other	le Sea.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sen	
A. M.				West-	nne	2			29.94	478	79	76		be	circum	3		
2				. MM	4	2			29.91	78	78	76		u		2		
3				"		2		-	29.88	78	77	75				4		l
4				N by W	*	2			29.86	78	77	75			4	8		-
5				04		2			29.87	78	77	75		-	cir cum	3		-
6				"	4	2			29.87	76	76	74		*	strat:	4		ı
7				nnn	nnn	2			29.87	77	76	74		1		2		I
8				n by H		1			29.86	177	77	75	- 268	4	"	2		l
9				north-	N by H	1			29.86	80	78	75			"	4		ı
10				n by E	In In	1			29.86	81	81	76		*	*	4		-
11				888	4	2			29.86			78		*	1	4		-
Noon.				8871	WNW	2			29.85			78			*	4		-
								-							-	1		-

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 /	"
	Longitude by D. R.	· ,	"
Position at Noon:	Latitude by observations of ⊙	0 ,	,,
		۰ ,	"
a it	Longitude by chronometer from Forenoon Observations of ⊙	,	,
Position at 8 a. m.	Latitude by	0 /	"
	(Longitude by		
Position at 8 P. M.	\[\text{Latitude by} \]		"
	(Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to the		
Variation of the Co	mpass by Amplitude 🔾 observed at Sunrise, ship's head	0 /	"
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0 ,	"
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 /	"
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 /	"
Water expended du	ring the preceding 24 hours,	3	7 gallons.
Water	during the preceding 24 hours,		"
Water remaining or	hand fit for use at Noon,	//2	28 "
	ing the preceding 24 hours,	tons	400 lbs.
Coal remaining on 1		173 " 8	
5 011			

P. M.	26	nn	3	10 20 64 8/1 70	be		,
1	nwhin	north-	2	29.85 85 84 79			
2	north-	AS &	2	29.84 85 84 79		1	
4	norm	nnw	3-6	29.83 83 83 79	oc rl		
5	nnw	SAW	2	29.82 79 78 78			
6	mnm	SW	3-5	29.82 79 78 75			
7	nne	S871	3	29.8481 78 76	oc.		0
8	North-	West	3	29.87 78 77 79	acrl		0
9	n by W	"	2	29.90.82 79 77	"	-	0
10	7116	4	1	29.9081 78 76	4	4	0
11	Dby W	"	1	29.9080 77 76	ool		0
Mid.	SSM.	,	1	29.90 80 77 76	,	-	0

, 18 90.

Mid to + am.

and finished at 2. 16

Brief breys from NNE. Commenced to ening to ell at 12.50

All & and finished at 2. 16

Breed 118 H lbs first bref , 118 H lbs. argetable a gold be boad in Can Dept to Mill.

Breed 118 H lbs first bref , 118 H lbs. argetable a gold be boad in Can Dept to grade kneed from It by It & MN. At 9,30 onustras at quarters. Shad battalien shell I and so tailed men for landing in trate: Abentier of suggest finished (OS)

Mitted to them.

Some and be dean to dean that safened anchor was lift got to bring the to fine to

Examined and found to be correct.

L. K. leurho Luit-, Navigator. LOG of the United States Steamer Essex, 3d Rate,
Al- Rio de Janeiro, Brazil.

			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	Vorms of	lear ths.	ie Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				South-	mnn	2			29.90	80	77	76		o e p	mint	0	
2				SH	Balm	0			29.89			75		de		6	-
3				WnW		0			29.86	77	76	75	-	be	eune nine	4	-
4				nnn	4	0			29.84	78	76	75	-	4	4	4	
5				724 50 40	"	0			29.84	80	76	73		4	u	1	
6				Mogh	South.	2			29.85	77	76	76	•	befo	4	/	1
7				nlyn	*	2			29.86	75	73	74		oc	*	0	1
8				nnw	000	/		-	29.87	76	75	74		4	4	0	-
9				nne	886	1			29.88	76	76	74		be	Humbur	4	-
10		1		north-	0 0	3			29.88	76	77	75			4	6	1
11				25.6.	South.	3			29.89	76	76	75		*	4	6	1
Noon.				S by 6	& by &	3			2988	76	76	75	1000	"		6	

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	,,
	Longitude by D. R.	٠,	"
Position at Noon:	Latitude by observations of ⊙	· ,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
		0 ,	"
Position at 8 a. m.	Latitude by		
	(Longitude by	0 /	
Position at 8 P. M.	Latitude by	0 /	"
1 ostion at o 1. M.	Longitude by		"
Current during the t	ime, knots tenths per hour, setting to the		
Variation of the Cor	npass by Amplitude ⊙ observed at Sunrise, ship's head	0 ,	"
Variation of the Cor	npass by Amplitude ⊙ observed at Sunset, "	0 ,	"
Variation of the Cor	npass by Azimuth ⊙ observed at "	0 ,	"
Variation of the Cor	npass by Azimuth ⊙ observed at "	0 /	"
Water expended dur	ing the preceding 24 hours,	3/8	gallons.
Water Distill	during the preceding 24 hours,	131	• "
Water remaining on	hand fit for use at Noon,	940	• "
	ng the preceding 24 hours,	940 / tons/0	'J' lbs.
Coal remaining on h		172 " 6	56 "
		1	

P. M.		2			,		
1	South-	Douth-	3	29.85 78 77 75	be	cum	6
2		1	3	29.85 78 77 75	11	"	6
3	56	,	4	29.85 76 76 75	"	4	6
4	hby &	4	3	29.84 75-76 75	И	4	6
5	nnw	*	3	29.83 76 77 76	4	"	8
6	616	886	3	29.83 75 76 74			8
7	88 W		3	29.84 77 76 75			8
8	Wbyn	South-	1	29.85 77 76 75	bw	none	10
9	north-	28 W	2	29.89 77 76 75			10
10	M by W	Nours	2	29.89 79 77 75		4	10
11	nnw	now	1	29.89 78 77 75	bel	11	9
Mid.	\$ by &	wnw	1	29.89 78 77 74	н		9

, 1890 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 am. Ourcast. Light breeze from It M.M. & calmi: Barometer prime.

Hto 8 am. Dorcast & cloudy. Light passing shower one hour. Started frie for distilling.

M. R. Man. Till
8 am to Merid.

Clear and pleasant: Light airs and gentle breeze from Sale
to South. Mustered at quarties at greated all books. under sail and the course of the Coaglish south of the great made sight hearts all only. In fleg ship made suntant to the opening in made such hearts. At good and fleg ship made premate to the form.

(Is lips) and Fred 6 Weber (OS)

Merid to 4 pm.

Clear & pleasant: Sentle to medicate breeze from South. At a commenced stringing to the one finished at 4. Distilling.

Mind to 8 pm.

Sight Mid.

Clear & pleasant: Sentle brige from ASE to A south:

Distribution.

Sight Mid.

Clear fine weather, variable light airs and breeze, or

M. R. Rapitete fall

Recognition.

Examined and found to be correct.

le. K. leurs. Taril; Navigator.

LOG of the United States Steamer Essex, 3d Rate, all-Rio de Janeiro, Bragil.

						-						_	_				-
			Reading		WIND.				BAROME	TER.	TEME	ERAT		State of	Forms of	Clear Oths.	be Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				South-	West-	2			29.86	77	76	74		1	none	10	
2				"		2			29.86	76	76	74		"		10	
3				Shyll	*	2			29.85	7.	75	74		"	u	10	
4				n by Ev	16	2			29.85	74	75	74		be	cam wint	6	
5				North-	nne	2			29.86	74	75	14			cir of	6	
6					4	1			29.87	75	74	73		bem	1	6	
7				n by Es	4	1			29.88	75	74	73		bef	•	6	
8				Mby &	"	1			29.88	76	74	73		de	*	7	
9				North-	nnw	2			29.88	76	75	74		4	4	3	
10				,		2			29.88	77	77	75				3	
11				0 1	Morth-	2			29.88	79	79	77,				8	
Noon.				South-	886	3			29.88	78	78	76			4	6	

Course and distance i	made good since preceding noon by observati	ions,	knots.	tenths.	
1	Latitude by D. R.		0 /	"	
	Longitude by D. R.		0 /	, ,	
Position at Noon:	Latitude by observations of ⊙			"	
	Longitude by chronometer from Forenoon	Observations of ⊙	0 ,	, ,,	
	Latitude by		0	, ,,	
Position at 8 a. m.	Longitude by		•	, ,,	
	Latitude by		0	, ,,	
Position at 8 P. M.	Longitude by		•	, ,,	
Current during the ti	ime, knots tenths per hour,	setting to the			
Variation of the Con	pass by Amplitude ⊙ observed at Sunrise, s	ship's head	•	, ,,	
Variation of the Com	pass by Amplitude ⊙ observed at Sunset,	"	0	, ,,	
Variation of the Com	pass by Azimuth ⊙ observed at	"	0	, ,,	
Variation of the Com	pass by Azimuth ⊙ observed at	"	0	, ,,	
Water expended duri	ng the preceding 24 hours,		j	90 gallons.	
Water Distill	led during the preceding 24 hours,		119	70 "	
Water remaining on	hand fit for use at Noon,		171	45 "	
Coal consumed during	g the preceding 24 hours,		/ tons	460 lbs.	
Coal remaining on ha	and at Noon,		171 "	195 "	

. М.	0 10-	0 .0			1
1	South-	South-	4	29.88 78 77 75	be circum b
2	86	286	4	29.89 78 77 75	" 6
3	South.		4	29.90 78 77 75	" um str 6
4	wnw	"	3	29.90 76 77 70	" cir cum 6
5	nnus	SSW	2	29.88 77 77 75	6
6	north-	*	2	29.88 77 77 75	6
7	,	West-	1	29.90 79 79 76	bel in rint 4
8		*	1	29 93 80 79 77	" 4
9	"	66	1	29.90807977	. 6
10	"	288	1	29.90 80 79 77	' cum 2
11	nnru	South.	2	29.93 78 78 76	be . 4
fid.	7 8 W	8820	3	2994777776	· circuin 2

, 1890.

Mid to 4 am. blear Light-breeze from West. Distilling. Omprone 4 lo 8 am, Generally poleasant weather. A heavy fog came in from seaward against; the wind first part and cleared away at 7.30 Light breege to light Jairs from MME. Elb. Distilling. Us- 7 Hagship made dress signals anoat 7.30 Stime signal. Cleaning bilges. Rec'd for use of crew 118 / fresh meat- & vegetables & 95 lbs bread. 8 am. to Merid. Partly doudy but pleasant weather . Sight to gentle brigg from nnw lo North & SS 6. at - 9.35 went to general quarter, 1st Dir peady in 2 mg o . 2 nd dio in 1 m 50 . 3 d Dir /m 50 . Har Dis 2 m 250 . Pont Dio 2 m 48 . Enge. Sir /m 30 5; Surg Dir /m 25.5. Pay Dept- 1. 25 1. Marine Quart 2 - 11. Je of 26 magazine flow cocks & hife, buoys and found hem in good norking order I the gory (1cl app) and I ped. b. Weber 1 (OS) absent - without leave. The Homog Officer inflicted the following punishments: 7. Punt- Wel aft) Leaving ship without - permission - 6 hours extra duly. Thos: 12 afulo (Log) Not- detaning glasses - 4 hes night watch . Vas Boyer (6/8) and At Droyer (do) Not manning boat when I detailed 12 herestra duty Patt OMBrien (Pot) blother bag laying around both deck - 4 hors extra Lieut-U.S.M. Moris to 4 pm Lieut-U.S.M. Diped down serub land wash clother in obedience to signal. Distilling W Roy Masu Il 4 108 pm. Cloudy and pleasant - Barom eter rising Wind light and variable. Made preparations for dressing ship. and & & E. Spoishging to flood at 11.30 Distilling Jung HAHolmon Sieut-U. S. M.

Examined and found to be correct.

le. V. leurin Laur, Navigator. LOG of the United States Steamer Essex", 3d Rate,
Al- Rio de Janeiro, Brazil.

											_					A STATE OF THE PARTY OF THE PAR	
1000			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				South-	South-	3			29.96	78	77	76		rc	ninh	0	
2					, , , ,	2			29.96	78	77	76		te		2	-
3				Sby 6	256	1			29.96	76	77	75		*		4	
4				n Wby M	MAG	2			29.96	76	76	75			1	6	
5				MNW	1.	/			29.95	1	,	-			cir cum	1	2
6				40 4 1 50	Balm	0			29.97						*	/	100
7				nwbyn	•	0			29.99					oc	4	0	
8				41 1 51	2 1	0			30.02	11				,		0	
9				Il by W	East-	1			30.04	77	78	77		de	Cum nin	1	
10				nnw	2711	2			30.00	77	78	77	1	oc .	,	0	
11				Mu	88711	3			30.03	/		77		,	4	0	
Noon.				4	2) \$ W	3			30.00	10	78	76		-		0	-

Course and distance	made good since preceding noon by observations,	knots.	tenths	
	(Latitude by D. R.	0	, "	
	Longitude by D. R.	0	, ,,	
Position at Noon:	Latitude by observations of ⊙	0	, ,,	
	Longitude by chronometer from Forenoon Observations of ⊙	0	, "	
	(Latitude by	0	, "	
Position at 8 a. m.	Longitude by	•	, ,,	
Position at 8 P. M.	(Latitude by	0	, ,,	
Position at 8 P. M.	Longitude by		, "	
Current during the	time, knots tenths per hour, setting to the			
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0	, "	
Variation of the Cor	npass by Amplitude ⊙ observed at Sunset, "	0	, ,,	
Variation of the Cor	npass by Azimuth ⊙ observed at "		, ,,	
Variation of the Cor	npass by Azimuth ⊙ observed at "	•	, ,,	
Water expended dur	ing the preceding 24 hours,		396 gal	lons.
Water District	12d during the preceding 24 hours,		1531	
	hand fit for use at Noon,		2880	"
Coal consumed during	ng the preceding 24 hours,	/ ton	5-60	lbs.
Coal remaining on h	and at Noon,	169 "	1875	"

P. M.								
1	SSW	8811	3	30.04 79 78 76	ac	cir cum	0	
2			3	30.04 77 77 75	и	4	0	4
- 3			3	30.03 77 77 75	*		0	1
4			3	30.03 77 76 74			0	
5	nr	,	3	30.05 76 76 74	be	nimb	2	1
6			2	30.06 76 76 74	,	и	2	4
7	nnru		2	30.07 77 77 74	oe.		2	
8	7176	*	2	30.10 79 77 75	4		0	
9	"		1	30.09 79 78 75		4	0	1
10		886	1	30.10 78 78 76			0	1
11		56	1	30.10 78 78 75		*	0	1
Mid.	north-	"	1	30.10 78 77 75			0	1
				////				1

Mid to 4 a.m. Mid to 4 a.M. Generally cloudy, bright - starlight - last-hour Sentle breeze and light - airs from South - to & & & and W ME. Distilling. 4 lo 8 am. Lieut-U.S. M. Cloudy, or overcast. at-8 warm and sultry, Barometer steasy. Light-breege from UNE & calmo. al-5 a.m. the forts at the entrance of the harbor Santa bour, Lage and a third one to the Wid find salutes of 21 guns Ut-Sunvise this ship and the other men of war in the harbor dresses pain boro fashion, Brazilian Ensign at the main and at the same time 2 gun salutes were fined by he Hagohip, by the English men of war bliofoatra, Basilisk, by the Uniqueyan gunboats. General Rivera Seneral artiga; by the Brazilian men of war Reachuelo, Parnahyba and probably by some a 21 gun salute. The P. S. H. Str. Ino Blev anchored st. 8. 8 am To Merid. Sient-U.S.M. Cloudy Light - airs - to light - brigg from East-first - bart -Dentle brige from BIT to SSW latter part. Obb. Ill-9.45 mate signal rums; num o; and hum 170. By order of bondg. Officer J. b. Wybor (08) and I bregon (cl (10/0) were declared deserters from the ship and from the naval service. The Comog Officer accompanies by five officers went ashore officially to witness- The ceremonies- attending the commemoration of the first - anniversary of the Bragiliage Republic. al- 12 stofoford distilling and let the fires die down . Total amount distilled 2856 gallans Meris 10 4 pm. Overcast and cloudy. Lentle brigg from SSW. H 10 8 pm. bloury. Gentle to light breeze from SSW. at sunset a national salute was fired by the forth. In by the men of war in port gain Huthalman Sicut-U.S. 21. 8 pm to Mis. Opercast. Barometer steady. Sight-airs from && E. & S.E. Licut-U.S. n

Examined and found to be correct.

LOG of the United States Steamer Essex", 3d Rate,

Al- Rio de Janeiro, Brogil.

			Reading		WIND.				BAROMI	ETER.	теми	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				116	ENE	2			30.08	77	77	75		00	cam	0	
2				NE South-	\$6	1			30.08	//	, ,		1		cum kind	-0	
3					nus	2			30.06	111	//					0	100
4						2			30.06	76	77	75				0	-
5				nw.		2			30.09	76	76	74		*	nimb	0	-
6				nnw.		2			30.10	75	75	74		4		0	1
7						2			30.10	75	74	73		4	u	0	1
8					•	2			30.//	75	74	73		4	*	0	1
9					•	2		1	30.11	76	75	74		4		0	100
10				n by 20	WNW	2			30./2	76	75	74		4	4	0	1
11				wnrs	20-871	2			30. //	76	75	74		•	*	0	
Noon.				N by W	nnw	1			30.10	76	76	74		4	4	0	

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ⊙	0 ,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	0 ,	"
Position at 8 a. m.	Longitude by	٠,	"
	(Latitude by	,	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the			
3	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 ,	"
	mpass by Amplitude ⊙ observed at Sunset, "	0 ,	"
	mpass by Azimuth ⊙ observed at "	0 ,	"
	mpass by Azimuth ⊙ observed at "	,	"
	ring the preceding 24 hours,	330	gallons.
Water	during the preceding 24 hours,		"
Water remaining on	hand fit for use at Noon,	255) "
	ng the preceding 24 hours,	tons /9	FOT 1bs.
Coal remaining on l		168 " 22	15- "

P. M.								
1	North-	West	2	30.10 76 76 74	oc	ninet	0	4
2	\$\$W	871	3	30.09 76 76 74	1		0	1
3	"		3	30.09 76 75 74	be		1	4
4	-	SSW	2	30.09 75-74 73	acd		0	1
5	\$6.		3	30.09 74 74 73		4	0	1
6	nzis	04-	2	30.08 76 75 74	ber		0	
7	4	SW	3	30.09 76 75 74	"		0	-
8		"	2	30.10 76 75 74	*		0	-
9	Nly E.	West-	2	30.12 76 75 74	-		0	-
10	7748	Wnw	1	30.14 77 75 74	ocd		0	
11	N by W	2W	2	30.1476 74 73	"		0	-
Mid.	•	1	2	30.12 76 74 73	*	4	0	-
A CONTRACTOR OF THE PARTY OF TH								1

Mid la 4 am.

Orneast & elonery, variable light - ins: W. My Man Fill

4 to 8 am.

Overcast and elonery. Sight brege from Mill. Extentes memoirs
orders. Flagship mase signals, 19th by the fresh in the first orgetables and go the brees.

8 am. to Meid.

Orneast. Light - brege to light airs. from Mill to MSM.

Of 939 the Boundy officer inspector light airs. from Mill to MSM.

Of 939 the Boundy officer inspector light airs. from Mill to MSM.

Of 939 the Boundy officer inspector be light airs. from Mill to MSM.

Or 939 the Boundy of ficer inspector of light airs. Flagship rums;

We following signally: some mase at 9.15. East to Flagship rums;

Ossex: Be ready for na by Justay morning at 8 o'clock.

Ossex: Be ready for sa by Justay morning at 8 o'clock.

Meid to 4 free

Land bound Sight briggling paine our this land. Light deight

1 for Som.

Sight brigger destroy.

Spon to Mid. Barometer straty.

Spon to Mid. Barometer straty.

Spon to Mid. Orceast voith seighing paine. Light airs and gentle

breeze from West, Mill & Sill.

Pressone

6 megan U.S.R.

Examined and found to be correct.

le. K. leurs

										1						-	
			Reading	COURSES STEERED	WIND.				BAROME					State of the Weather,	Forms of Clouds, by	f Clear 10ths.	the Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Bulb.	Water at Surface.	by symbols.	symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				4. 1	6, 6, 5												
1				North-	nw	3			30.10	76	74	73		ocd	ninh	0	-
2				nw		2			30.10	76	74	73				0	
3				South-	West-	2			30.08		1			4	4	0	
4						2			30.08	74	73	72		ocp		0	
5					SW	1			30.08	74	73	72		oczq	4	Ö	
6				nnw	•	1			30.08	73	73	72		"	"	0	
7		200		mybyn	"	2			30.09	12	73	72			4	0	100
8				nw by w		2			30.10	72	72	72		11000	"	0	
9				SW	SSW	2			30./3	73	73	72		· oc	Cum.zim	10	
10				South-		1			30./3	74	73	72		,		0	
11			70000	0.0	*	2			30./3	74	73	72				0	
Noon.				\$\$ M	•	3			30./3	74	73	72		4	-	0	138
								-							-		

Course and distance	made good since preceding noon by observa	tions,	knots.		tenths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.			,	"	
Position at Noon:	Latitude by observations of ⊙		0	,	"	
	Longitude by chronometer from Forenoon	n Observations of ⊙	0	,	"	
	(Latitude by		0	,	"	
Position at 8 a. m.	Longitude by		•	,	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		۰	,	"	
Current during the		r, setting to the				
	mpass by Amplitude ⊙ observed at Sunrise,		•	,	"	
	mpass by Amplitude \odot observed at Sunset,	"	0	,	"	
	mpass by Azimuth ⊙ observed at	u	0	,	,,	
	mpass by Azimuth ⊙ observed at	"	0	,	"	
	ring the preceding 24 hours,			312	gallons.	
Water				0/2	"	
	during the preceding 24 hours,		,	238	"	
	hand fit for use at Noon,				TV lbs.	
	ng the preceding 24 hours,		/68 "	18/	70 lbs.	
Coal remaining on h	and at Noon,		/68 "	10%	-	

. M.				113			
1	S/6 by &	SSW	3	30.10 75 74 72	oc.	winh	0
2	286	"	3	30.09 75 74 72	be	*	2
3	South-	4	3	30.07 70 74 72	"	4	3
4	& by W	4	2	30.06 75 74 72	4	4	1
5	S by East-	Sby &	3	30.06 75 74 72		4	1
6	28%	South.	3	30.07 74 74 72	4	4	1
7	25 25	220	3	30.07 75-74 72	*	4	1
8	75/471	"	3	30.09 74 75 73	•	"	1
9	nw		2	30.12 74 74 72	"	^	4
10	26 by 6	820	1	30.13 75 74 72	oc m	*	0
11	ne	,	1	30./3 75 74 72	4		0
Mid.	nnas	Wast-	2	30.11 74 74 73	benn		5

Mid lo 4 am.
Concast - x painy. Sight airs to light breeze from MW Jung Fresholman 4 lo 8 a.m. Sicut: U.S.M. light-breeze from Signals airo lo Light-breeze from SW. Uniform signals aff 16. Heg 10 x Postulo: 8 am to Meris. Overeast: Light- ins- and light- breeze from & & M. Barometer. steady. At- 9.30 musteres at quarters: The Year assiral Comog. He U.S. Maral Force on this Station visited officially the English ships bleofatra a Basilisk and the Unquayan guntout General Rivera: The Bleofatra. and General Rivera salutes with 13 guns - fit hoistes american busian at fore Both salutes were returned by the Pensacola. The Comog. Officer In obediner It's following punishments viz: - M. Stevens (App) x Sliney (Sea) Dir obediner of orders; - rach 3 nights estra anchor walk. II. E. Loy of Sea Up, Stowing hindself away, while on anchor watch - 5 nights estra enchor watch R. a. Hints (Pot) Dirty Rifle at Inspection, I hours estra duty. M. Driscoll (St.) Disobying orders of Boilermaker on watch dating he would not clean the top of the boilers - 24 hours extra duty. R. Shorlock (Pot) blothes in lucky bag. - 2 hos extra duty. Meris to 4 pm., Lenerally elear. Lentle bruge from & SW. The Comog. Officer called officially on I.B.M. S. Ble spatra & Basilisk: I'lly host Fild. Ensign U.S.M. Licut-U.S. n. 4/o 8 pm.
Mostly cloudy with gentle brieze from Sty E, South & Omvione more from & SU to W. latter part: Sight-brigge to light- airs Arraner, Lieut-U.S. M.

Examined and found to be correct

LOG of the UNITED STATES Stramer Essex"

Of Rio de Janeiro, Brazil

												_				and the later of t	STATE OF TAXABLE PARTY.
			Reading		WIND.				BAROME	ETER.	TEME	ERAT	URE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				nnro	West-	3			30.09	74	74	73		Le	rimb	3	
2					"	3			30.07	78	78	72		4		6	
3				26by &	S871	2			30.00	~					-	8	
4				South-	WSW	2			30.04						*	6	
5					271	1			30.05	-		/		,		2	
6				2520		1			30.06	1	The state of			bem		2	-
7				nnu	\$6.	1			30.06		/	-		ocm		0	
8				, , , ,		1			30.06		1				4	0	
9				21/46	Shy &	2			30.07	1		/		le	cir nind	28	8
10.	2.3		2.5	Sn/28	South-	3			30.07					. "	cir. cum	6	8
11		Title .		211/20		3			30.06	100		,		u	cum ets.	4	"
Noon.	7.0		9.7			3			30.06	1	/	/		4		4	"
2.0011.	1.2		10.7							-	/				-	1995	

Course and distance	made good since preceding noon by obser	vations,	kı	iots. ter	oths.
	(Latitude by D. R.			0/5.48	
	Longitude by D. R.			0/5.30	
Position at Noon:	Latitude by observations of ⊙		\$ 23	0/4,00	"
	Longitude by chronometer from Foren	oon Observations of ⊙		0 ,	"
	(Latitude by			0 ,	"
Position at 8 a. m.	Longitude by			0 /	"
Position at 8 P. M.	(Latitude by		5 24	000112	"
Position at 8 P. M.	Longitude by SM.		w 43	05-015-4	"
Current during the	time, knots tenths per h	our, setting to the			
Variation of the Co	ompass by Amplitude o observed at Sunri	ise, ship's head		0 /	"
Variation of the Co	mpass by Amplitude O observed at Sunse	et, "		0 /	"
Variation of the Co	mpass by Azimuth o observed at	"		0 /	"
Variation of the Co	mpass by Azimuth ⊙ observed at	"		0 /	
Water expended du	ring the preceding 24 hours,			388	gallons.
Water	during the preceding 24 hou	ırs,		1010	"
Water remaining or	hand fit for use at Noon,			1950	u
Coal consumed duri	ing the preceding 24 hours,		2	2 tons 4/3 "/320	bs.
Coal remaining on l	hand at Noon,		166	"/320	44

						1000	100	200									
P. M.	7	6	22.8	871/28	Sly &	3		30.04	74	73	70	75	Le	cir eune	6	8	
			30.3	4	1,	3		30.04	74	72	70	75	A		6		
			37.0	"	4	3		30.03							4	*	
			43.7		4	3		30.03		/		1		*	0	4	
			50.5-		S648	3		30.00							0		
	1		57.0		"	3		30.00			1				0		
			64.5		South.	3		29.99							0	,	
	1		71.2		"	3		30.00			1 - 1		и		0		
	1		78.5	,,	"	3		30.03	76	72	70	73	be		2		
			85.0		"	3		30.03	76	72	70	73	4		2	,	
		1	92.4	"	\$8	2		30.03							4		
	1		99.0	"	"	2		30.03						cum	2	4	
	1	1303	//									1					

Mid to 4 a.M. Blear and pleasant: Barometer felling. Gentle to light-brege from W - S. 8 H - and W. 8 H. 4 lo 8 a.m. Jair & pleasant: Variable light airs & freges: Toistes in Sleame Launch & made Joes paration for sea. Hove in to 30 fms. Draft of hips for's 13'8"; aft 16.4; anis 14.6.

Sam to Maris. oam to Meris. Cysique U. & M. blear and placesant. Sentli breeze from Shy 6 to South - al- 8 hove upencher and otros out from the her bor of Riv 52 Janviers in column on the flagohip at souble distinct Ul 9.30 mustines at quarters and gave divisional instructions. At 9.40 look bosition on starbord quarter of the flagships at Souble distance and set - the course in Arviner to signal Str/2 S (be) Ut-9.43 Fook departure Raya Island Stationer braving 20/48 (ge) distant 2 miles - Put-over the patent-log set at-0. at-10. set fore and aft sail. At noon ships was in position on the flagships. are. stelam 70 lord pers: 45. The following signals were made: Flagohipo to Essea 8 pelock, Den 254; 8.10, Den 425; 9.40 Den 178; 9.40 Vere 6237; Cossed to Hag. Ship 9.45 num 5, num 0, num 167, 12, Lat & 23° 14' Long 43° 15. all answered. Meris to 4 pm. Unver stram & fore & aft sail, ship in posin ond started quarter of flagships at end of watch, aver stram 70 lbs: , revs. 43. Steasy Steam and for and aft sail Flagohip on fort low souls assistance aver stame of last aver per 40. Lieut-U.S. N. Herfring on Als quarter of flagships are Steam Jolts; aver, revs 42.50 a. Steering a course SW/2 S, on stark's quarter of flagships. aver steam 70 lbs: pers 40.3 Jung Hot Shum

Examined and found to be correct.

le. K. leurs

LOG of the United States Steamer Esser , 3d Rate, Al- sea, making passage from Rio de Janeiro lo Montevideo.

i				Reading		WIND.				BAROME					State of	Forms of	Clear oths.	he Sea.
	Hour.	Knots.	Tenths.	of Patent Log-	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of (State of the
	A. M.	8	0	107.0	SW/28	ENE	,			30.03	76	73	71	73	be	cum.ol7	5-	8
	2			114.6	4		1			30.00	1 - 1	_			4	-	7	4
	3			122.5	4	8,870	1			30.00		/	-				7	
		/	1	130.0			1			29.99		/	,			*	7	4
				137.1	8201/88	Sobys	2			29.98			-	1	-		6	,
	6	1-	1.	1442	80 /28	,	2			29.98	1	/	/	10000		u	4	4
				152.0	"		3			30.00	1	1	/	*		nimb sto	1	
	8			159.5	. 4		3			30.02				-			1	
	9			167.2			3			30.02	1		-	/			1	
	10	11		174.3		*	3			30.03	/ /	1000	/			cir.cur	3	
		/		181.1			3			30.05	1		/		-	4	8	
		1		188.3	4		3			30.04	1	/	/	/	-		6	
	210011.	/		700.0						,	/	//	//	//				

Course and distance	e made good since preceding noon by observations, & 35-0 20	/85 knots. tenths.
	(Latitude by D. R.	25 037 06 "
	Longitude by D. R.	7 45-07-12"
Position at Noon:	Latitude by observations of ⊙	& 25 . 46.08 "
	Longitude by chronometer from Forenoon Observations of ⊙	W 45° 0 10 154 "
	(Latitude by her all 0	\$ 25.023'08"
Position at 8 a. m.	(Longitude by Coles.	W 44°5.2'66 "
	(Iatitude by Mun all-O	5 26 036 08 "
Position at 8 P. M.	(Longitude by 1722, Obs	W 45 05-6 134"
Current during the	time, 0 knots of tenths per hour, setting to the 5/60,	N
Variation of the Co	ompass by Amplitude observed at Sunrise, ship's head	• / //
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset, "	0 / //
Variation of the Co	ompass by Azimuth ⊙ observed at "	0 / //
Variation of the Co	mpass by Azimuth @ observed at 4 04 Pm. " SW 1/2 S	W 4 ° 26' "
Water expended du	ring the preceding 24 hours,	328 gallons.
Water	during the preceding 24 hours,	u
Water remaining or	n hand fit for use at Noon,	/6 22 "
Coal consumed dur	ing the preceding 24 hours,	10 tons 2200 lbs.
Coal remaining on	hand at Noon,	/53° " /360 "

	-				and the same of th	Contract the Contract	the same of the same of					
	P. M.		7	1011 0	87.511. 8	291 8	7	74.72.74	1.		,	- &
	1	6	1	144.4	SW/2 &	86 h &	0	30.04 74 73 74		eir.cum		
	2	7	2	202.0	1		3	30.03 74 72 74	M		7	"
	3	17	5	209.6	£ 75 148		3	30.02 73 72 74			8	-
45-36	4	8	4	217.8	BW/2 &	*	3	30.02 /3 72 73		4	9	
				1 , ,	"		4	30.04 73 72 73		100		
					"	4	4	30.04 73 72 73			8	-
	7	8	4	242.5	"	86	3	30.04 13 72 73		*	7	4
					,	*	4	30.05 74 72 73	opd	cum rimil	0	
	9	g	0	259.7	LW by &	\$6 46.	4	36.06 74 72 73	de	eir cum	7	*
	10	9	0	268.8	- "	,	3	30.01 74 71 72				
					4		3	30.07 74 70 72		"		
	Mid.	5-	0	282.3	4	*		30.07 73 70 72			4	

Mid to 4 am.

Bright- starlight- Light- airs from EME first two hours; shifting to

SSW last Invo. Smooth sza. Moon set- about- 12.45 Took in all sail at-1. Ship

in position at-4. Aver. stram jolls; pers- 46.2

4 to 8 am. mid lo 4 am. pising. Set for and aft sail & for sail with flagship. Took in foresail later as it would not draw. Aver stram 70 lbs; pers-47. J.T. Mewlow Licut-U.S. N. blear fine weather Gentle breeze from Siby S. Musteres at quarters - and exercises at company & battalion dill. Made poutine signals at 9.45 x 12 M. Ship under stram and forex aft sail. altering speed to keep position on Abt quarter of flagship. Issued forige money amounting to 84 to members of the Screw, for larget practice form. Steam 69 lbs; aver revo 42.

M. Ry Main Fill. Meris to 4 pm. blear a pleasant: Lentle breeze from DE by S. Strening a course &20/4 & with- such changes-and were necessary to Keep for sition. At-130 set for sail; at-2 the toposails; and at 3 the topogallantoal, aver strain 70 lbs; aver revo-44.3.

Jung All Johnson 4/06/pm. Siear and foleasant: Moderate breeze from Sibly S. Smoth sra. Ship in position at 6. Am steam Jolle, I revo so blo 8/2 m. Bloudy last-hour. Baronneter steady. Gentle breeze from SE freshning at end of watch. Steam & sail. Aver steam follo, averdrevo 50. 8 pm To Mis. SU/2 Suntil 8.36; when it was changed by signal to Stray S. at-11.10 hauled fires & uncoupled strongh a mistake in a signal and at 12 nd spread them again. Ship under steam & sail to top gallant-sails. aver steam 70 lb. Rev 47.2 W. Ry Man Fild. Ensignth. S.M.

Examined and found to be correct.

le. K. lewin Laul- Navigator.

			Reading		WIND.				BAROME					State of	Forms of	Clear 10ths.	he Sea.
Hour,	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of the Se
A. M.	6	1	288.4	Stoby &	8646	3			30.07	73	70	67	72	la	cir.cum	6	8
			291.0			2			30.05		/		1	4	cam	8	"
			292.5		4	1			30.05		-	/		•	4	8	
			299.8		и	1			30.04			-		4	cir cum	5	
			307.4	4	4	3			30.07	-	10000	1	1		cir cum	1	4
			3/5.8	м		3			30.11		/	1			cir cur	100	1000
			323. 7	4	4	3			30.12	-	/	1 .		4	и	6	4
	1	100	332.9		4	3			30.14	200			/	4	"	7	4
	1		341.1		4	3			30.14			1		*	4	7	и
			350.1			2			30.14	1	1	1.0	1	4	4	7	
	1 -		359.2	,		2			30./3	1	1					4	
	*		368. 2	4		5-			30./5	/	,		/		opdg.	0	
	/						-			/	/	/			/ /		

Course and distance made good since preceding noon by observations, \$36°000	203 knots. tenths.
(Latitude by D. R.	\$ 28 . /6 . 32 "
Longitude by D. R.	7 46 0.59 18 "
	\$ 28.30./2"
Longitude by chronometer from Forenoon Observations of ⊙	75 47 02/ 154"
(Latitude by Vun all - 0	S 28 °0/'00"
Position at 8 a. m. Longitude by	n 47 °02'00"
(Latitude by mu all &	\$ 29 0/8'48"
Position at 8 P. M. {Latitude by Pm all (S)	W 47 ° 5.8' 27 "
Current during the time, / knots O tenths per hour, setting to the & 550 77	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 / //
Variation of the Compass by Azimuth ⊙ observed at 8-06 Jun, " S was	w 2 °5-7' "
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Water expended during the preceding 24 hours,	332 gallons.
Water Distilled during the preceding 24 hours,	334 "
Water remaining on hand fit for use at Noon,	/620 "
Coal consumed during the preceding 24 hours,	9 tons /636 bs.
Coal remaining on hand at Noon,	9 tons /635 lbs. 145 "/965" "

	P. M.							
		9	8	377.9	Str by &	S& by &	5-	30.16 68 65 65 71 be areum 4 m
	2	5	6	383.6	1,,	East-	3	30.16 69 6665 71 4 . 3 .
				387.9		676	2	30.15-71 68 65 78 " " 3 .
47-41			_	390.0		383	2	30.1671696672 . 28
				396.0			2	30.1471 69 67 73 3 1
		1000		403.9		SE by &	2	30.1471706771 . " 3 .
				412.0		. ,	2	30.13 72 70 67 71 . 3 .
,				420.1		"	3	30.14 72 70 67 71 " 4.
				428.5		Ebyn	3	30.16 73 71 68 71 · · 5 m
				437.0		E by &	4	30.1771 70 68 71 " 5"
				446.0		*	5	/ / / /
King .				454.8			5	
V Barr								

Mis to 4 am. blear and pleasant. Tentle breeze to light airs from & bly &. Steering a course SW by 8. at- 12. 25 sharted the Engineer, at 1 overhauled the flag ships, uncouples. and banked fires: al-2.47 flagships made signal 452; answered So not understand. Flagship reprated signal 462 and then made lorch signal spread fings and some after Starter ahras under steam leaving us behind. Spread fries and emples up and started he engines - at-2.55 Funled the square sail and fook in main & miggen top must stayouils. & spanker. aver stram 67lbs; revo-45.2 4/08 am Lieut- 21. S. N. Cartly cloudy pleasant-weather Sentle breeze from & & by E. Smoth sea. From 6 to 8 mare sails to poyals except manie gail, following motions of flagship. Al-6 starter fires unser B boiler for sistilling. At-7 flagship. Aver Steam 70 los- peros- 49.00 . 1/29 10 x Posta Sto, Ships in position at 8. Jot m wer 8 am to Merid. Blear till 11. Vien clouding over Light-to gentle bezzgz from De by 6 increasing to fresh briege at 1.30 in paine squall bourse DU by S. Ul- 9.30 mustired at quarters and Equipped boats for Com & Choay distant service Took in light sails - a spanker at 11.30 Ar leased 6.M. Barver (S. Bugl) from confine ment, which hat Expired . Worr revo 48; aver steash 64 les-1.7. Newton Meristo 4 pm. Lieut-U.S. N. Ly & Al- 12.45 Flag Ships signaled to bank I fired a uncouple propellin. Set-top gallant sails and spanker. Took in main & miggent "Saysails: Keeping on starboard quarter of flagolips. W. Ny Max Field starboard quarter of flagolife. Forsign U.S.M. 4 6 6 pm. Fair Light-breeze from & SE to SE by E. Steering a course SW by S. Ul- 4 Hagship made signal 4562. Spread fires, took in spanker and mainty sail. Ul-4:20 started engines: Ul-4. 50 set-fore main Top mast stayouil. Exchanged colors neith a Lamfort x Holl-str. standing Mx &'s. aver skam 69 lbs: 1200- 45. Jeng Fill Halmon 6 / 8 pm. Lieut U.S.M. Ship in position at 200 of watch . Stram jobs - Revor 47.2 Therefore a Lieut-U.S. 71. blear and pleasand: Bright-mornlight: Sentle breeze from Stely E. increasing to fresh breeze from E by S. Barometer steady. Steam y lb: Reor 4/2

Examined and found to be correct. Sient-U.S.M. le.K. leurs Laut -, Navigator.

Al-sea, making bassage from Rio de Janeiro lo Montevideo.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
. M.	8	4	463-2	SW by S	888	4			30./6	71	68	66	72	le	cir.cum	7	2
			471.9		East-	5			30.16	1			/	a	4	8	
			481.0		4	5-			30.16	70	68	66	72	4	ч	8	
	/		487.9	•	4	4			30.15	70	68	66	72	4		9	
			496.7			5-			30./5	69	67	65	72	4	4	9	
	,		505:9		4	5			30.17	69	67	65	72	*	u	9	2
	1	7	574.7			5			30.19	69	68	66	72	•		9	4
	1		523.0			5			30.20					•	4	9	-
9	8	0	530.9			4			30.24	70	69	67	66		u	8	
			536.2	4		4			30.24	70	69	66	66	4	4	7	-
			5-41.5			4			30.24	71	69	66	66	4	4	7	-
Voon.	5	0	347.2			3			30.24	71	70	67	66	u		6	-

Course and distance made good since preceding noon by observations, & 34° M	/4/ knots, tenths. 23/ 04/ /2"
Longitude by D. R.	7 49 0/3 148"
Position at Noon: Latitude by observations of ⊙	\$ 31 . 09. 02"
Longitude by chronometer from Forenoon Observations of ⊙	21 49 025, 27 "
(Latitude by Ann all - O	530 05-0108"
Position at 8 a. m. (Longitude by As	W49°10'45"
(Latitude by Ann all - ()	5 31 046'38"
Position at 8 P. M. {Latitude by Pur all- O	W 49°5-9'-36"
Current during the time, o knots 5 tenths per hour, setting to the & 64°	7
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 / //
Variation of the Compass by Azimuth ⊙ observed at 8-0 2 Am, " S mx S	& 0 ° 5-0 ′ ″
Variation of the Compass by Azimuth ⊙ observed at "	0 / 1/
Water expended during the preceding 24 hours,	325 gallons.
Water during the preceding 24 hours,	/430 "
Water remaining on hand fit for use at Noon,	2400 "
Coal consumed during the preceding 24 hours,	/0 tons /460 lbs.
Coal remaining on hand at Noon,	135 " 505 "

	-						-			-		-
	P. M.					/						
	1	5-	2	537.8	Swby &	676	3	30.23 7/ 70 67 66	be	cir.cum	. 8	8
	2	4	8	556.6	820 788		3	30.20 71 70 67 66	4	4	8	
					SW 3/4 &	u	3	30.19 70 70 67 66	4		8	
31-242					SW by &		3	30.17 70 69 67 66	4	4	9	
				1	" /		4	30.16 70 69 67 66				
			1				3	30.16 70 68 66 66		"	9	4
			1	586.3			3	30.1771 68 66 68	4	"	8	,
				592.1		"	3	30.1771696768			9	
		-		592.6			3	30.2171 68 66 67		cum	9	*
				605.1			4	30.2171686667	4	4	1	
				611.8			4	30.2171686667			9	
		1		617.3			4	30.1970686667	4		7	,
				1						1 5 5 6	1	

Mid lo 4 am. Blear fine rozather, mos lo stiff breege from & & 6. and 6. Ships under plain sail til topo g. sails; 2x,cefol-strain sail & spanker. Main top mast stayon x set. Steering so as to keep postin on stil quarter of flagships. Steering Jollo; Regor 47.3 g. W: Ry Marin Fild.

6. Ry Marin Hold. 4/08 am. 1 Gnsign U.S.M. Chear and folessand: Stiff breege from East. Sterring a course Stily 8. on other quarter of Flagohip. At- 6.50 - set-poyels. x halled down for Sofo mast stay sail. At - 7 Hagship mast cress signals. Aver steam 64lbs; Revo: 60 8 am to Merio. blear & pleasant: Moverale lo gentle breeze from East-Moverale sea. At-9.30 inspected at quarters & gave divisional instruction. At 8.00 fanted fires & uncoupled bropeller. At end of watch ship under sail with-flavoring on book for distant-about 4 miles. At 8.30 flagship made signal 2/2%. Distilling it Ligger (OS) Helfely olor in strying order: 4 ratio anchor watches in port. Merit 104/2m. Lizal-U.S. n. Under sail, smooth sea. Flagship mass Prep. 3231. Sporeas fires, complet forgode. Italy blagship made signal 3231. blear fine maker, gentle breeze from EME. Course SW by S. Using obtain and sail to Kerlo position. Flagship signaled the steam if recessary to Kerls position: Keeping on Als. quarter of Flagships. Exercised at his quarters:

1st stream 1 mgs o, 2 de sceam 1 m 200, 3 d stram 2 m 10 or Stram 60 the Region 7.

N. Ry Mass. Full. Clear and pleasant. Sentle breege from ENE. Steering a course Onsign U.S.R. SW by S. Made and look in sail to Keeps position Keeping speed of engine not below 30 turns: at end of watch under top sails main top gallant sail and jib aver steam balls: Revs: 30.6 Jung Tell Yolman s pm to Mid. Vieut-U.S.M. Clear Bright-mornlight. Mosepate breige and sea from EME. at end of watch ship under topsails & jib on Abo fram of flagship, I distant about 800 yards. Stran 60 lbs; Revs. 32

Examined and found to be correct.

le. N. leurss Zaint-, Navigator.

				1	0 0		account of						and the second				
			Reading		WIND.				BAROME	ETER.	TEMI	PERA	TURE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
A. M	5	2	622.5	& Why&	ENE	3			30./5	70	68	66	67	· 6 10:-	Mine	10	28
			627.8			3			30./2						4	10	
			632.9		NE.	3			30.10	,		1			u	10	-
			638.0		ME.	3			30. //	/	100				u	10	
			642.5	1	1,	2		1	30./3	-	10				cum	9	u
			646.7			3			30.14	1		/			4	9	,
			650.2		*	3			30.14		1 -	1	100		a	9	,
	,		656.6			3			30./5	1	1	1	1 .		u	9	
			-661.0		ME.	3			30.17	,		/			cir cu	us 9	
			663.7		,	2			30.18	1		1	1			8	
			, ,	4		1			30.18		1		1		nonz	10	4
			667.7		4	2			30.16						4	10	
Noon		7	671.1			1	-		0.76	1-	/-	1					
Lance		-			(,	- · m										

Course and distance made good since preceding noon by observations, & 35-07/	/35° knots. tenths.
(Latitude by D. R.	8 32 0 57 1 08 "
Longitude by D. R.	71 50 048 121 "
Position at Noon: Latitude by observations of ⊙	8 32 0 69 , 42 "
Longitude by chronometer from Forenoon Observations of ⊙	250 057 04"
(Latitude by hun all -0	5 32 04818"
Position at 8 a. m. Longitude by	W 5-0 °47'40"
(Latitude by Mur all- O	S 33°54'54"
Position at 8 P. M. (Longitude by Pm. Oles	W 5-1 °43'00"
Current during the time, o knots 5 tenths per hour, setting to the & 40	21
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 / 11
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 / 1/
Variation of the Compass by Azimuth ⊙ observed at 8-08 Mm " 5 W KS	8/025"
Variation of the Compass by Azimuth ⊙ observed at "	• , ,,
Water expended during the preceding 24 hours,	330 gallons.
Water Distilled during the preceding 24 hours,	635 "
Water remaining on hand fit for use at Noon,	27/5 "
Coal consumed during the preceding 24 hours,	4 tons /840 lbs.
Coal remaining on hand at Noon,	130 " Gos"

	-						-	
	P.M.							
	1	7	5	678.6	SWby &	nE.	3	30.15 72 74 70 69 b. None 10 &
	2	1 "		187.6	* 1		3	30.15 72 74 71 67 " " 16 "
		1		695:9	,	•	2	30.14 71 75-71 67 " 10 "
33-27				705:2	4		3	30.13 71 74 71 67 - 10 .
		11-	_	713.9	4	"	2	30.08 71 73 71 67 te cir 8 "
				722.8		"	3	30.09 7/ 73 7/ 67 " 9 "
				730.8		,	2	30.10 71 72 70 67 " 9 "
				738.0	"		2	36.10 71 70 69 67 6w. nous 10 "
				7461	SW by 7 /420	nne.	3	30.10 72 70 69 67 . " 10 "
				753.8		north-	3	30.09 71 69 68 67 " " 10 "
				761.5		"	3	30.0770 68 67 67 " " 10 "
				769.8		"	3	30.06 70 68 67 67 " " 10 "
				11				

Mid to tam.	
blear and pleasant. Bright - moonli	oht- Sentte breeze from ENE made M.
orvering to M by & at end of watch. Took in the	posails in order to Keep position. Show
alone. aver. sham 60lb - Pers 27.9	
	1.7. Minulion
4/08.am.	Sicul-21. 8. 2.
Clear fine weather gentle breeze from	My 6. Course & Way D. Stramino Lo Karb
position. lose steam 60 lls: Revs. 25:	100 h 0
Mid to tam. Blear and pleasand: Bright- monlie orvering to M by & at End of watch: Took in the alone. Aver. sham 60lb; Revo-27.9 4/08.am. blear fine weather gentle breeze from position. Aver. steam 60lbs; Revo-25:	N. Ky Mason Fild.
8 am so Merid	brege from ME. Streng acourse &r
1 & 1 6 lear and pleasant: Lenste do light	brigg from ME. String acourse 87
by S. to Riep position on flegship. Set form	sail at-8.30 Banked fires at 8.40. aired
brossing. at-8.57 stopped the Engine and in	at all sails to poyals except moin
sail spankee fl. jib and slay sails. From 10	to 11 using strame untre banked fires
for KEEp in position. Spread fires at-11	and started Engine Listling until
11.45 Over Steam To los Revo 26. The following	signals were what: - Hag ships to Gasen
8.40, 1017; 8.50, 5520; 5520, 8.50, 2/21. E.S.	16 Hagshilp, 9.45 mus 4, num o, num 18!
Flagship to 655Ex, 11. 4002. 11.30, 2240. U	Il arestorned. Dolo de serters clothing and
unclaimed articles in the lucky lag.	Q Luli
211 :- 1 1 1	July Fill Holyan
(1) [[] [] [] [] [] [] [] [] []	1. 19/1-0
Merco to 4 pm.	1. 1. 1. 1 20 Lieut U.S. N.
Meris to 4 pm. Blear & warm. Light-briege	Lo light airs from ME. Smooth sea
Meristo 4 pm. Clear & warm. Light-briege U1-12.05 Pensacola signalled noon posts	Lo light-airs from ME. Smooth sea
Meristo 4 pm. Clear & warm. Light-briege U1-12.06 Pensacola signalled noon posts	Lieut U.S.M. Lo light airs from ME. Smooth sea
Meris to 4 pm. Meris to 4 pm. Clear & warm. Light-briege Ut-12.06 Pensacola signalled noon posts 4/06 pm. Baicht- and bleanul Boom	Lieut U.S.M. Lo light airs from ME. Smooth sea 2 33 03' 8 50 59' W. Steam 65th, Roor 54 To Hiller Lieut-U.S.M.
Meristo 4 pm. Clear & warm. Light-briege U1-12.06 Pensacola signalled norn posts 4/06 pm Bright- and pleasant. Baron Ann ME Sail & Some Conision on	Lieut U.S.M. Lo light-airs from NE. Smooth sea 2 33 03' 8 50 59' W. Steam 68th, Peorson To Hickory Lieut-U.S.M. Meter falling. Sight- to gentle freeze
Meris to 4 pm. Clear & Warm. Light-briege Ut-12.06 Pensacola signalled norn posts 4/06 pm Bright- and poleasant. Paron Me. Sail & steam. Position on Josho: Bros. 50.7	Lieut U.S.M. Lo light-airs from NE. Smooth sea 1 33 03' 8 50 '59' W. Steam 68th, Peor 54 Lieut-U.S.M. Lieut-U.S.M.
Meres to 4 pm. blear & warm. Light-briege U-12.05 Pensacola signalle & norn posts 4/5 6 pm Bright- and pleasant. Baron from ME. Sail & Steam. Position on J3/bo; Revo 50.7	startis quarter of Pensacola aver dram
Am UE. Sail & Stam. Position en	startis quarter of Penoneola aver tran
Smight- ant pleasant. Baron Jallo; Revo 50.7	startis quarter of Penoneola aver tran
Smight- ant pleasant. Baron Jallo; Revo 50.7	startis quarter of Penoneola aver tran
Smight- ant pleasant. Baron Jallo; Revo 50.7	startis quarter of Penoneola aver tran
Jon ME. Sail & steam. Position on 8 23 lbs; Revo 50.7 6 to 5 form bloom fine weather, light for furled sail. At-8 bor changed course to Son starbs quarter of flagship. Aver steam	starts quarter of Pensacola aventra. J. Mewton Lieut: U.S.M. 2222 from N.E. Bonave SW by B. al- 7.00 200 by M HW. Keeping under steam 60 lbs; Reav. 43.
Jon ME. Sail & steam. Position on 8 23 lbs; Revo 50.7 6 to 5 form bloom fine weather, light for furled sail. At-8 bor changed course to Son starbs quarter of flagship. Aver steam	starts quarter of Pensacola aventra. J. Mewton Lieut: U.S.M. 2222 from N.E. Bonave SW by B. al- 7.00 200 by M HW. Keeping under steam 60 lbs; Reav. 43.
Jon ME. Sail & steam. Position on 8 23 lbs; Revo 50.7 6 to 5 form bloom fine weather, light for furled sail. At-8 bor changed course to Son starbs quarter of flagship. Aver steam	starts quarter of Pensacola aventra. J. Mewton Lieut: U.S.M. 2222 from N.E. Bonave SW by B. al- 7.00 200 by M HW. Keeping under steam 60 lbs; Reav. 43.
Jon ME. Sail & steam. Position on 8 23 lbs; Revo 50.7 6 to 5 form bloom fine weather, light for furled sail. At-8 bor changed course to Son starbs quarter of flagship. Aver steam	starts quarter of Pensacola aventra. J. Mewton Lieut: U.S.M. 2222 from N.E. Bonave SW by B. al- 7.00 200 by M HW. Keeping under steam 60 lbs; Reav. 43.
Jon ME. Sail & steam. Position on 8 23 lbs; Revo 50.7 6 to 5 form blaar fine weather, light for furled sail. At-8 box changed course to 2 on starts quarter of flagship. Aver steam	starter falling. Light- be gentle breeze startes quarter of Pensacola arentra. J. Mewton Lieut-U.S.M. 2252 from N.E. Course SWby S. Ot 7.00 200 by Ir 1420. Keeping under stram 60 lbs; Rear 43. W. Reg Mas + tolid. Course SW by 20 1420 on starboard ov: 45.5
Smight- ant pleasant. Baron Jallo; Revo 50.7	starts quarter of Pensacola aventra. J. Mewton Lieut: U.S.M. 2222 from N.E. Bonave SW by B. al- 7.00 200 by M HW. Keeping under steam 60 lbs; Reav. 43.

Examined and found to be correct.

le. V. leurho Lauil - Navigator.

						0			1			-						
F				Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.	State of	Forms of	Clear Oths.	he Sea.
	Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10th	State of the
1	. M.	8	3	778.	\$20 by 20 /420	north-	4			30.08	69.	67'	66	67	Less	cum	6	*8
	2			785: 7	4		4			30.06	69	67	66	67	4	4	4	
				793.6			4			30.04	78	66	65	67	4	4	8	4
1				802.1		4	4			30.04	76	65	64	67		4	8	*
		_	-	810.7	*	n by W	4			30.02	66	64	64	64	×	4	9	
1				819.2	4	1	4			30.02	65	-64	64	64	*	4	8	
				828.7		,	4			30.03	66	64	64	64	*	"	8	12
1				837.2		4	4			30.04	66	65	65	-64	*	4	8	-
				845.5	7 - 1	4	4			30.05	.66	65	63	64	fm	none	10	4
				833:7	4	4	4			30.04						4	10	
-				865.7	4		4			30.02			100				10	-
1				874.8	4		3			30.00	69	68	66	66	*	-	10	"
-		/		-						_	,							

Course and distance	e made good since preceding noon by observations,	S 5.30 W	/94 knots.	ter	nths.
	(Latitude by D. R.		5 34 %.3	18	"
	Longitude by D. R.		W5-4012	110	"
Position at Noon:	Latitude by observations of ⊙		334.56	, 35-	"
	Longitude by chronometer from Forenoon Observa	ations of ⊙	W 5-4 002	, 26	"
	(Latitude by mu all- 0		5 34 044	15-3	"
Position at 8 a. m.	Longitude by Celus		W J-3 019	,20	"
			5 34 05-8	-111	"
Position at 8 P. M.	Latitude by hur all 0		w J-J-027	104	"
Current during the		to the			
Variation of the Co	ompass by Amplitude ⊙ observed at Sunrise, ship's he	ead	0	,	"
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset, "		0	,	"
Variation of the Co	ompass by Azimuth ⊙ observed at 7-00 Au, "	w.sw.	W5-019	,	"
	ompass by Azimuth ⊙ observed at "		•	,	"
Water expended du	aring the preceding 24 hours,			3/9	gallons.
Water	during the preceding 24 hours,				"
Water remaining o	n hand fit for use at Noon,		_	13 96	"
Coal consumed dur	ing the preceding 24 hours,		// tons	1360	lbs.
Coal remaining on	hand at Noon,		//8 "	1785	- "
				-	

1	-					-			7
	P. M.								-
	1	8	0	882 8	25825 4425	nn6.	2	29.98 70 69 67 67 be circum 9 9	
		-		891.2	"	"	2	29.95 71 70 68 67 " cum di 8	-
					"	nE	2	29.93 71 73 70 67 " . 8	_
35-02				907.3	7	"	2	29.90 71 73 70 67 " 8	-
				9/5.2		•	2	29.91 70 73 70 67 deni - 8	
				923.3		,	2	29.91 70 73 70 67 " " "	-
				/	"	,	2	29.90 71 72 69 67 " circum str 4	*
				940.3	4	,	2	29.90 7/ 72 69 67	-
		1		949.0	"	,	2	29.89 71 72 69 67 6.	
				9580		"	2	29.89 72 73 70 67 . 6	1
				966.5	1	,	2	29.90 72 73 70 67 " 8	1
A COLUMN TO A COLU	Mid.			1			2	29.88 74 75 71 67 " 8"	-
									1

Misto 4 am.	
from North: Al-2.50 mase all for and aft son ilbt quarter of flagship al-4. Aozz. s.	moon schal-about 3.16 Maseat house
from North: at- 2.50 made all fore and aff a	ail recelet shanker Alilain to itin
Son Abs quarter of flagship at-4. Rose s	Scarce 72 lb - Reor 46 Heavy done
	Har ilui
4/08am	Sind-2/ & 21
Clear and toleasant Moderal	is breeze from It by 25 Brandia it s
Stain and forexast sail racefot span.	Kena Proce also 34 ll - P. 48
	1. 1'M.
8 n.m. Lo Minis.	Jimewon
Clear Line worther merceals	· hour l Wl. W hours 211826 2 1-1
and inspected at moders to bourte Ollies	in de die die Source a DI Mustined
Excelet animacil & do Per	t:
18 11. Pour Ha -	had all duraghan
Means to be bloom	My Main Tull
8 a.m. for Meris. Clear fine wrather, moverate ans inspected at quasters & Comog. Officer except mainsail & spanker. Made por 68 lbs: Pers 49.5 Meris to 4 pm. Clear & pleasant. Sight-bree insects in the air and colors to in the rigg watch: U-12.10 chances course in obstience	I mas 1. 20 Insign U.S.M.
1 - 11. Il asant aght bree	ge from Ma to Ma. Ascrois numerous-
· msech in the air and colors to in the rigg	ring. Darometer fell one trush during the
watch Ul- 12.10 changed course in obestience	to signal to WSW 14W Keeping position
on starboard quarter of flagships. Land in sig	ht along Sarboard hand. Ul- 2.26 Trok in all
on starboard quarter of flagships. Land in sig for & aft sail Except fit. aver steam jobs	1. Kens. 47.
1. /	Juga Zill toluman
11 10 1	
4 106 p.m.	fergi Luttolman
Holofom. Blear overhead, hazy along horizon.	Sight brigg from ME. Smooth sea. Ut-
4 106 fom. bleger overhead, hazy along horizon. 4:06 flagshifs mare signal 158, changed	Sight brigg from ME. Smooth sea. Ut- course by 20 BW Pat. log gos & at 4.20, 179,
4 106 form. Hob flagships made signal 158, changed Changes to W/4 N. Pat. log 910.3. Al-45 ha	Sight brigg from ME. Smooth sea. Ut- course to WBW Pat. log gos & at 4.23, 17, ules up foresail. Lot anchors of the bono Ut-
4 506 frm. Clear overhead, hazy along hong on. 24.06 flagshifs made signal 158, changed Changed to W/4 M. Pat. log 910.3. Al-456 ha 4.56 Malsonator light-house box 11/46	Sight brigg from No. Smooth sea. Ut- course for WBW Pat log gos & at 4.23, 17, ules up foresail . Sol- anchors of the fono at- sat-log git. 6 & at 5:40 it both ME /4 6 pot
Hob flagships made signal 158, changed Changes to W/4 N. Pat. log 910.3. Al-45 ha 4.56 Maldonato light-house both M/4 & glog 920.6. At End of walth ship in position. Averaged	Sight brigg from N.E. Smooth sea. Ut- course by 20 BW Pat. log gos & at 4.23, 179, ules up foresail. Lot anchors of the bono Ut- sat-log 914.6 & at 5:40 it both 11 & 146 pot.
4.06 flagshifs mare signal 158, changed Chariges to W/4 M. Pat. log 910.3. Al-45 he 4.56 Malonato light-house bote M/4 & July 920.6. At End of walch ship in position. Averaged	Sight brigg from N.E. Smooth sea. Ut- course to WBW Pat log gos & at 4.23, 17, uled up foresail. Lot anchors of the fono Ut- sat-log 914.6 & at 5:40 it both ME 146 pot. 2. Seame 70 lle; Revs: 47.
4.06 flagshifs mare signal 158, changed Chariges to W/4 M. Pat. log 910.3. Al-45 he 4.56 Malonato light-house bote M/4 & July 920.6. At End of walch ship in position. Averaged	Sight brigg from N.E. Smooth sea. Ut- course to WBW Pat log gos & at 4.23, 17, uled up foresail. Lot anchors of the fono Ut- sat-log 914.6 & at 5:40 it both ME 146 pot. 2. Seame 70 lle; Revs: 47.
4.06 flagshifs mare signal 158, changed Chariges to W/4 M. Pat. log 910.3. Al-45 he 4.56 Malonato light-house bote M/4 & July 920.6. At End of walch ship in position. Averaged	Sight brigg from N.E. Smooth sea. Ut- course to WBW Pat log gos & at 4.23, 17, uled up foresail. Lot anchors of the fono Ut- sat-log 914.6 & at 5:40 it both ME 146 pot. 2. Seame 70 lle; Revs: 47.
4.06 flagshifs mare signal 158, changed Chariges to W/4 M. Pat. log 910.3. Al-45 he 4.56 Malonato light-house bote M/4 & July 920.6. At End of walch ship in position. Averaged	Sight brigg from N.E. Smooth sea. Ut- course to WBW Pat log gos & at 4.23, 17, uled up foresail. Lot anchors of the fono Ut- sat-log 914.6 & at 5:40 it both ME 146 pot. 2. Seame 70 lle; Revs: 47.
4.06 flagships mass signal 158, changed Changes to W/4 N. Pat. log 910.3. Al-40 ha 4.56 Malsonaso light-house bots N/4 & glog 920.6. At sno of walth ship in position. Averaged born 126. Lost 14 lbs. had over foard, la love prom 126. Lost 14 lbs. had over foard, la love prom 126. Lost 14 lbs. had over foard, la	Jight brigs from 16. Smooth sea. Ut- course to 20 BW Pat log gos & at 4.23, 179, ules up forsail. Lot anchors of the fono at- satilog 414.6 & at 5.40 it both 16 /46 pat. Starre 70 lh; Rros: 47. Lieut U.S.M. rigore. Barometir strady. Light brigge us partes in heaving. Aire sham joth
Hob flagships made signal 158, changed bhavinged to W/4 M. Pat. log 910.3. Al-45 ha 4.56 Malsonator light-house bore W/4 & plug 920.6. At end of watch ship in position. Aver 6 to 8 pm blear & pleasant, hay about how from M.E. Lost 14 lbs. had over toars, la love 1205 50.	Sight brigs from 16. Smooth sea. Ut- course to 20 BW Pat log gos & at 4.23, 179, uled up foresail. Lot anchors of the fond at- satilog 414.6 & at 5:40 it both 16 146 pat a steam 70 lls; Revs: 47. Lieut U.S.M. Figore. Barometic steady. Sight-bruge us parted in heaving. Are sham joth
Hob flagships made signal 158, changed bhavinged to W/4 M. Pat. log 910.3. At 45 ha 4.56 Malsonator light-house bore W/4 & glog 920.6. At end of watch ship in position. Averaged brown ME. Lost 14 lbs. had over board, has form ME. Lost 14 lbs. had over board, lower rever 50. 8 pm to Mid. Blear pine rozathir light	Jight brigs from 16. Smooth sea. Ut- course to 20 BW Pat log gos & at 4.23, 179, whe sup foresail. Lot anchors of the fond at- sat log 414.6 & at 5:40 it both 16 146 pat a starre 70 lls; Revs: 47. Lieut U.S.M. Jarted in heaving. Arer sham jolk we parted in heaving. Arer sham jolk Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M.
Hob flagships made signal 158, changed Changed bhanged to W/4 H. Pat. log 910.3. At-410 has 4.56 Maldonaso light-house bote M/4 & plug 920.6. At end of watch ship in position. Averaged from ME. Lost 14 lbs. Sad over board, In Some per 50. 8 pm to Mid. Sighted Mount of Light al- 255 one bo	Jight brigg from 16. Smooth sea. Ut- course to 20 BW Pat log gos & at 4.23, 179, whe of up foresail. Lot anchors of the fond at- sat log 414.6 & at 5:40 it both 16 146 pat a steam 70 lls; Revs: 47. Lieut U.S.M. Jarted in heaving. Arer sham jolk Lieut-U.S.M. Lieut-U.S.M.
Hob flagships made signal 158, changed Changed bhaviged for W/4 M. Pat. log 910.3. At 45 he 4.56 Maldonator light-house bore M/4 & glog 920.6. At end of watch ship in position. Averaged born NE. Lost 14 lbs. Ship in position. Averaged from NE. Lost 14 lbs. Sead over board, In Son 1205 50. 8 pm to Mid. Sight to Mount of Light at 9.35 one por changed course in obtainer to signal to	Jight brigg from 16. Smooth sea. Ut- course to 20 BW Pat log gos & at 4.23, 179, ules up foresail. Lot anchors of the fono at- satilog 414.6 & at 5.40 it both 16 146 pat. Starre 70 lh; Rros: 47. Licut U.S.M. Figore. Barometic steady. Light brigge is parted in heaving. Are shim 70 the Licut-U.S.M. Licut-U.S.M. Licut-U.S.M. Licut-U.S.M. Why S. al 10.40 Shortine 5 and furled sail
Hob flagshifs made signal 158, changed Changed to W/4 M. Pat. log 910.3. Al-45 he 4.56 Mals onabor light-house bore M/4 & glug 920.6. At end of walch ship in position. Averaged from ME. Lost 14 lbs. Sas over board, how Some to Mid. Sight at 9.35 one for changed course in obstince to signal to Manged course in obstince to signal to M.	Jight brigg from 16. Smooth sea. Ut- course to 20 BW Pat log gos & at 4.23, 179, whe of sop foresail. Lot anchors of the fond at- sat log 414.6 & at 5:40 it both 16 146 pat a steam 70 lbs; Revs: 47. Lieut U.S.M. Lieut U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Why S. al 10.40 Shortine 5 and furled sail
Hob flagshifs made signal 158, changed Changed to W/4 M. Pat. log 910.3. Al-45 he 4.56 Mals onabor light-house bore M/4 & glug 920.6. At end of walch ship in position. Averaged from ME. Lost 14 lbs. Sas over board, how Some to Mid. Sight at 9.35 one for changed course in obstince to signal to Manged course in obstince to signal to M.	Jight brigg from 16. Smooth sea. Ut- course to 20 BW Pat log gos & at 4.23, 179, whe of sop foresail. Lot anchors of the fond at- sat log 414.6 & at 5:40 it both 16 146 pat a steam 70 lbs; Revs: 47. Lieut U.S.M. Lieut U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Why S. al 10.40 Shortine 5 and furled sail
Hob flagshifs made signal 158, changed Changed to W/4 M. Pat. log 910.3. Al-45 he 4.56 Mals onabor light-house bore M/4 & glug 920.6. At end of walch ship in position. Averaged from ME. Lost 14 lbs. Sas over board, how Some to Mid. Sight at 9.35 one for changed course in obstince to signal to Manged course in obstince to signal to M.	Sight briege from ME. Smooth sea. At- course to WBW Pat log gos & at 4.23, 17, aled up foresail. Lot anchors of the form At- sat log 4/4.6 & at 5.45 it tota ME/46 pot. Starre 70 lbs; Revs: 47. Lieut al. S.M. Ligore. Baronestie steady. Light-brigge ine parted ine heaving. Aver sheem 70 lbs. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Why S. Al 10.40 Shortines and furled sail signal to MW by M. Remainder off Montevides. Aver steam 65 lbs; Aver
Hob flagships made signal 158, changed Changed bhaviged for W/4 M. Pat. log 910.3. At 45 he 4.56 Maldonator light-house bore M/4 & glog 920.6. At end of watch ship in position. Averaged born NE. Lost 14 lbs. Ship in position. Averaged from NE. Lost 14 lbs. Sead over board, In Son 1205 50. 8 pm to Mid. Sight to Mount of Light at 9.35 one por changed course in obtainer to signal to	Sight briege from ME. Smooth sea. At- course to WBW Pat log gos & at 4.23, 17, aled up foresail. Lot anchors of the form At- sat log 4/4.6 & at 5.45 it tota ME/46 pot. Starre 70 lbs; Revs: 47. Lieut al. S.M. Ligore. Baronestie steady. Light-brigge ine parted ine heaving. Aver sheem 70 lbs. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Why S. Al 10.40 Shortines and furled sail signal to MW by M. Remainder off Montevides. Aver steam 65 lbs; Aver
Hob flagshifs made signal 158, changed Changed to W/4 M. Pat. log 910.3. Al-45 he 4.56 Mals onabor light-house bore M/4 & glug 920.6. At end of walch ship in position. Averaged from ME. Lost 14 lbs. Sas over board, how Some to Mid. Sight at 9.35 one for changed course in obstince to signal to Manged course in obstince to signal to M.	Jight brigg from 16. Smooth sea. Ut- course to 20 BW Pat log gos & at 4.23, 179, whe of sop foresail. Lot anchors of the fond at- sat log 414.6 & at 5:40 it both 16 146 pat a steam 70 lbs; Revs: 47. Lieut U.S.M. Lieut U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Why S. al 10.40 Shortine 5 and furled sail

Examined and found to be correct.

le. K. leurs Traint Navigator.

LOG of the United States Steamer Essex.

1										-	-				1		-
			Reading		WIND.				BAROME	TER.	TEM	PERA		State of	Forms of	Clear Oths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				NNW	Sariable	2			29.86	74	73	71		b.c.l.	cir cum	1	
2				N by W	EN & .	3-4			29.86	1	/	1		*	4	6	
3						3-4			29.86	of 1		/				6	
5					NE	3			29.87					be	*	6	
6				NE	NNE	3			29.87						cir str	6	35
7				*	North-	3		- CO.	29.84	V	10000	1		u	cir guni	3	
8				2 0 2	. NU ESE	3			29.87	1	1	70			-	1	1
9				East	/0/8/0	3-5			29.90	1 -	1	70		ae.	4	0	
11				"	"	3			29.92		1	1		ocpl.	cum di	0	
Noon.				"	u	3			29.92						4	0	
									-						-	-	-

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 ,	"
Longitude by D. R.	0 /	"
Position at Noon: Latitude by observations of ⊙	0 ,	"
Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
(Latitude by	0 /	"
Position at 8 a. m. Longitude by	0 ,	"
(Latitude by	0 ,	"
Position at 8 P. M. Longitude by	0 /	"
Current during the time, knots tenths per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 ,	"
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 /	"
Variation of the Compass by Azimuth ⊙ observed at "	0 ,	"
Variation of the Compass by Azimuth ⊙ observed at "	0 /	"
Water expended during the preceding 24 hours,	336	gallons.
Water during the preceding 24 hours,		u
Water remaining on hand fit for use at Noon,	2060	u
Coal consumed during the preceding 24 hours,	9 tons 4	O lbs.
Coal remaining on hand at Noon,	9 tons 4	40 "
	/	

P. M.							
1	2112	NNE	1	29.92 71 70 69	oc	an nimb	0
2	NNW	WNZU	1	29.92 72 71 70	oer		0
3	"	NW	1	29.90 71 71 70	"		0
4		nne	1	2985707070	acp.		0
5	West-	"	2	29.85 70 70 70	oe	4	0
6	Sto by to		2	29.85-70 71 70	.,	cir eum	0
7	5,86	388	2	29.84 72 7/ 70	1c	cum str	
8	6 3%	38.3	3	29.84 74 71 70	bel	nino	4
9	"	None	0	29.84 7/ 7/ 70	,	4	4
10		6286	2	29:85 73 71 70	4		1
11	South-	SELy S	2	29.86 73 71 68		1	1
Mid.	"	"	2	29.87 73 71 69		"	1

Mis. 1. 4 a.m. Clouding over A halo around the moon. Light breeze from MME. until 12.30 then variable light- airs to light breeze until 1.30, when the breeze came out with moderate force from & and backed into ENE varying in Aringh for gentle to moderate bridge a bank of clouds in the South bontinaous heat Slightning in the South. at- 12.18 dropped the port anchor in the harbor of Monte. vites in 6 fms water, soft musty bollow, vering 25 fms on the chain Bearings from anchorage (mag) Mr. Light MMW /811; Pl Brava St.; EME 1/86. Banked fries-Shipe draft forn't 13'2"; amisships 14'2; aft 16'2". Flagohips signalled by Sorch "Bank fires & he ready to get untervay at 7 o'clock. Jugate Holman Lizal- U.S. K. 4 6 8 a.m. Partly cloudy; Threatening weather last-how . Light to motorate breze unsteasy in force & shifting from ENE to NEW by W. Bleared up ship for port, at-6.00 flagship made routine signal aff, 16; Mag 10; Poon, 15; At-7 hi Sahead of Hagship on the following bearings MI-Light- WW/2M & Of Brava St- E/2 K Mo E) 5 34 fms. nelster, 25 fms port chain. Red pratique Banker fired 8 am. to Meris. Lieut-U.S.M. ESE. Ut-9.30 mustres at quartos Barometer Seasy. Occasional hunson and lightning. Fires bankes. Meris to 4 pm.

Overcast clousy & painy. Light-airs from NHE to MH W. Reis on brand store & provisions for U.S.S. Talaboran: Org \$20 barrels of book; 20/2 Als of help and 2 blo of molassess.

M. Ry Masm Fild.

Konsign U.S.M. 4 pm to 8 pm.

Overcash, cloudy & painty first hour. Light airs and breezes from It NE & SSE. Mustices at quarties - at 4.50 Reed signal stores for U.S. S.

"Tallaporsa" from flag ship.

Omerone 8 pm to Mis; Grisignell. S. M. light-brigg from ESE to SE by & last-three hours.

Examined and found to be correct.

le, K. leur

				01,010	ververe, e		1	1	THE REAL PROPERTY.						The state of the s			
			Reading		WIND.				BAROME	TER.	TEMP	PERAT	TURE.	State of	Forms of	Clear oths.	he Sea.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea	
A. M.				3.8	888	3			29.88	72	68	66		o c	cum	0		THE REAL PROPERTY.
2				886	"	2			29.87	72	69	68		4	4	0		
3				South-	*	2			29.88	72	69	68		4	*	0		
4				4		2			29.88		/			*		0	300	
5				826	86	4			29.89	/	1				nimb	0		
6				2820	"	3			29.90					oc q	cum zimi	0		
7				S by E.	886	2			29.91					"	и	0		
8				1.	"	2			29.94	11	11			be	4	1		
9				886	и	2			29.90	1,		1.			cir cum	4		
10	100			Shy &	4	2			29.90	1	1					6		
11		1		South.	*	2			29.90					4	4	8	1	
Noon.				20 820		2			29.90	.68	67	66		4		8		-
-	-								1//		1							41

Course and distance made good since preceding noon by observations,	knots. tenths.
	0 1 11
Latitude by D. R.	. , ,,
Position at Noon:	· , "
Latitude by observations of ⊙	0 , "
Longitude by chronometer from Forenoon Observations of ⊙	
Position at 8 a. m.	o / "
CLongitude by	o / //
(Latitude by	0 , "
Position at 8 P. M. Longitude by	0 / //
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 / 1/
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 / //
Variation of the Compass by Azimuth ⊙ observed at "	0 / "
Variation of the Compass by Azimuth ⊙ observed at "	0 / 1/
Water expended during the preceding 24 hours,	4/5 gallons.
Water during the preceding 24 hours,	u
Water remaining on hand fit for use at Noon,	1645 "
Coal consumed during the preceding 24 hours,	/ tons 960 lbs. /08 " 785" "
Coal remaining on hand at Noon,	108 " 785" "

. M.					,		
1	71271	\$6	2	29.93 67 70 67	6	none	10
2	"	"	2	29.92 67 71 68	"	4	10
3			2	29.92 67 71 68	"	4	10
4	6	u	2	29.90 68 71 68	*	4	10
5	Why &	6,86	2	29.90 68 72 69			10
6	1,1	"	2	29.90 68 72 69	u	4	10
7	871	East-	3	29.91 68 69 68	4	4	10
8	3,58	"	3	29.93 68 68 67	4		10
9	686	ENE	3	29.93 69 69 67			10
10	E by &	4	3	29.93 68 68 65		,	10.
11	East-	nne	3	29.93 67 67 65	H	4	10
did.	12 by 6	North-	4	29.92 66 66 64	4		10

Done cash Sight to gentle barge from SSE. Barmete steady of the the St. Alie & and Concert a cloudy greater bard of realth Moderattle light brogg from SEE of Bagshep made portion sighal. 8 am. le Merid. Chear and bleasand. Sight brogg from SSE. It g. of highly made sigh forth 5th followed by set, describition. Lotted all broker and board sight proper me sighal, set, describition. Lotted all broker and board of proper sighal, state only the balled all proper be tallepoon. Coming Officer of the M. S. Bragle made are official will on the Consent to Coming Officer of the M. S. Bragle made are official will on the Consent to Merid to the Secretary to the Secretary to the Secretary that the signal 29th and the Tallapoon of Burner Syris: Ut I flagship made signal 29th and. 4 forth to 8 forth. Cash Spend of and pleasant: Light to gentle freque from ESE to Conserve the Edward Odies was sent to Personal to Secretary duly with share a control of the Miss to and pleasant: Light to gentle freque from ESE to the Secretary duly with share a control of the Miss to a control of the Secretary duly with share and anneces to the Miss to the Miss been fine made on part to the Secretary duly with share Light to the Miss to the M	Mis 1 4 a.m.	
Solo 256. Ragulup made powerer signal. Mosente to light breeze from Solo 256. Ragulup made powerer signal. 8 am to Merid. Clean and pleasand. Light breeze from 256. At 915 flagship made sig, forthe 345 followed by sig, of excellion. Called all hands and loves sall, made powerer signals alog 46. At 1.30 flagship made signals bould be selection. Could be signaled all hands and blands and loves sall made powerer signals alog 46. At 1.30 flagship made signals borned borned of the M. S. Bragle made are official call on the Compatible Comes Officer of the M. S. Bragle made are official call on the Compatible Merid about for power for bornes of the mass signal 2584 and . Sight breize from S. C. Received Some for made signal 2584 and . Gent to 8 form. Grand to 8 form. Grand bleasand: Light to gentle frege from E.S. E li Cast. Bend for any ser Leaved Comment. Sight of gentle frege from E.S. E li Cast. Bend for any ser land.	Over cast. Sight- to gentle briege from &	SE. Barometer steady
Solo 256. Ragulup made powerer signal. Mosente to light breeze from Solo 256. Ragulup made powerer signal. 8 am to Merid. Clean and pleasand. Light breeze from 256. At 915 flagship made sig, forthe 3455 followed by sig, of excellion. Called all hands and loves sold, made powerer signals alog 46. At 11.30 flagship made signals bould be selection. Colled all hands and blands she Conso of the M.S. Bragle made are official call on the Compatible Comes Officer of the M.S. Bragle made are official call on the Compatible Merid do to propose of the Solo of t		1 Mewlow
Soli 28 6. Ragolup models poutine signal. Moderable light breeze from 8 am li Merid. Clean and pleasand. Sight breeze from 286. It gis flag ship made sig, forefor 3/15 followed by set, alexacition. Called all hands and loved sall, made pourier signals all g. 46. At 11.30 flagship made signals bound of flands & furled shel. Receiving on board borrofor his tallsprove County Officer of I.M. & be agle made are official call on the County office County of I.M. & be agle made are official call on the County office Ornsacola for transfortation to the Tallspoore County of A.M. Cultiper Consacola for transfortation to the Tallspoore & Cusions Some for porties about for passage to he Tallspoore at Outnow Syres: At I flagship made signal 2984 and. General Lord to Jallspoore at Outnoor Syres: At I flagship cast signal 2984 and bleasant: Light to gentle frege from ES & to Cast: Bent: searn launch to flagship Cinsacola for temporary use, E. Edwards (Outn) was sent to Consacola for temporary duty with stan launch.	4/08 am.	Lieut- U.S.N.
Made sig, forefo. 5453 followed by sight breeze from & & M. Jagship made sig, forefo. 5453 followed by sight breeze from & & M. Jagship made all hands and loved sall made prompter signals all gits. At 11.30 flagship made sightstle balled all hands & forested shell. Receiving on board somoforthe Tallapoore borns of the M. & Beagle made are official call on the Common of the M. & Beagle made are official call on the Common of the M. & Beagle made are official call on the Common of the Minist So them. Ornsacola for transfortation to the Tallapoore. Ensign is a M. bull fre ported about for passage to the Tallapoore at Ournor Syras. At I flagship made signal 2984 and. Jung twichelman Jiewt & M. & Jallapoore at Ournor Syras. At I flagship made signal 2984 and. Least: Sent de arm launch to flagship Censacola for temporary une & & lie & Stan launch.	les (wereast & cloudy greater part of watch !	Roserate to light - breeze from
Clear and pleasand. Sight breeze from & & Major flagship made sig, forep. 5455 followed by sig, fees relation. Lalled all hands and loves sall made powers signals all give. At 1.30 flagship made sig. 4866 balled all hands experted sail. Receiving on board sonsforthe Tallapoors bonning Officer of to. M. & Beagle made are official call on the Common flowing of the M. & Beagle made are official call on the Common flowing of the M. & Beagle made are official call on the Common flowing for passage to the Tallapoora. Ensign is a. M. bull fre ported about for passage to the Tallapoora at Ournor Syns. At I flagship made signal 2984 and. 4 form to 8 form. General Sent. Searn launch to flagship Censacola for temporary un. E. Eswards (Cula) was sent to Ornsacola for timporary duty with Stanlaunch.	P6 le DS6. Hagship made poutine signal.	MAP h
Made sig, forefo. 5453 followed by sight breeze from & & M. Jagship made sig, forefo. 5453 followed by sight of exception. Lalled all hands and loves sall made powers signals all gifts. At 11.30 flagship made sightstle balled all hands & purbed shell. Receiving on board somoforthe tallapoors bonning of to. M. & Beagle made are official call on the Common of to. M. & Beagle made are official call on the Common of the Miss So the Tallapoors. Ensign is a. M. bullef re ported about for passage to the Tallapoors at Ournor Syns. At I flagship made signal 2984 and. 4 form to 8 form. Seast: Signal 2984 and bleasant: Light to gentle frege from & & lieut. H. S. M. Cast: Sent de arm launch to flagship Censacola for temporary une & & lieut. M. Stan launch.	c !- 'M · !	1. My Mass- Fuld
balled all francis & furled sail. Receiving on board Sons for his Tallaprose Coming officer of T.M. & Bragle made are official cell on the Comes office Coming of the Medical Son the Comes of the Merid to Ham. Merid to Ham. Censacola for transfortation to the Tallaprose Consign to a.M. bull fre for tis about for passage to his Tallaprose of Tournor Syres: At I flagship mate signal 2984 and bearant: Light to gendle frege from & & tient I S.M. Gast: Dent Seam launch to flagship Cinsacola for temporary use & Eswarto (Oder) was sent to Pensacola for temporary duty out standament.	OUNIA MOM	Charles II X IA
balled all francis & furled sail. Receiving on board Sons for his Tallaprose Coming officer of T.M. & Bragle made are official cell on the Comes office Coming of the Medical Son the Comes of the Merid to Ham. Merid to Ham. Censacola for transfortation to the Tallaprose Consign to a.M. bull fre for tis about for passage to his Tallaprose of Tournor Syres: At I flagship mate signal 2984 and bearant: Light to gendle frege from & & tient I S.M. Gast: Dent Seam launch to flagship Cinsacola for temporary use & Eswarto (Oder) was sent to Pensacola for temporary duty out standament.	made in lash this I le it le the briege for	one SSG. W-9.15 flag ship
Meris do 4/2m. Crusacola for transfortation to the Tallaporoni Ensign to a. M. Bullet re frontis aboats for bassage to the Tallaporona at Buenov Syres: At I flagship mase signal 2984 ansid. Gentle Som to 8 form. Gentle Sent Seam launch to flagship Censacola for temporary use to Eswarso (Ciler) was sent to Censacola for temporary duty with steam launch.	land sig, prigo. 750 followed by sig. of Ex cellion	Called all hands and
Meris do 4/2m. Consign U.S. M. Consign	halled all hands & horles soil Bessioning on how	o flagstup made sig 4826
Meris do 4/2m. Crusacola for transfortation to the Tallaporoni Ensign to a. M. Bullet re frontis aboats for bassage to the Tallaporona at Buenov Syres: At I flagship mase signal 2984 ansid. Gentle Som to 8 form. Gentle Sent Seam launch to flagship Censacola for temporary use to Eswarso (Ciler) was sent to Censacola for temporary duty with steam launch.	Como Olicen of TEM & Brase moss and	licial III II- Callapoosa
Meris do 4/2m. Consign U.S. M. Consign	I de la	Done so
Ornsacola for transfortation to the Tallaporon: Ensign 7. a.M. bully per frontis about for passage to the Tallaporon at Burnor Syres: At I flagship mate signal 2984 ansid. I form to 8 form. Gent Sear and pleasant: Light to gentle frege from ESE to East: Dens Sear Search search to flagship Consacola for temporary use, E. Edward (Oder) was sent to Ornsacola for temporary duty with steam launch.		
Oensacola for transfoodsline to the Tallaporon: Ensign 7. A.M. bulle per food aboat for passage to the Tallaporon at Buenov Lyre: At I flagship mass signal 2984 ansid. 4 form to 8 form. Lear and pleasant: Light to gentli frege from ESE to East: Dent Search for Search for January use, E. Edwards (Oder) was sent to Pensacola for temporary use, launch.	Merid to 4 form.	
4 form to 8 form. Lear and pleasant: Light to gentli frege from ESE to East: Sent seam launch to flagship Censacola for Stemporary use E. Eswarto (Oder) was sent to Pensacola for temporary duty with skan launch.	Clear and pleasant: Light-breize from	n SE. Received Sores from
4 form to 8 form. Lear and pleasant: Light to gentli frege from ESE to East: Sent seam launch to flagship Censacola for Stemporary use E. Eswarto (Oder) was sent to Pensacola for temporary duty with skan launch.	"Tensacola for transportation to the Tallapoord: 6	nsign n. a.m. bullef pe
4 form to 8 form. Lear and pleasant: Light to gentli frege from ESE to East: Sent seam launch to flagship Censacola for Stemporary use E. Eswarto (Oder) was sent to Pensacola for temporary duty with skan launch.	portes aboats for passage to the Tallapoona at Buc	nov Syres: al-, flagships
4 form to 8 form. Lear and pleasant: Light to gentli frege from ESE to East: Sent seam launch to flagship Censacola for Stemporary use E. Eswarto (Oder) was sent to Pensacola for temporary duty with skan launch.	mase signal 2984 ansid.	
East: Dent seam launch to flagship Censacola for temporary use, E. Eswarto (Oiler) was sent to Pensacola for temporary use, launch.		July Hugholman
East: Dent seam launch to flagship Censacola for temporary use, E. Eswarto (Oiler) was sent to Pensacola for temporary use, launch.	111.1-01	Lieut-U.S.M.
East: Learn launch to Hagship Consacola for Stemporary use E. Eswarto (Oiler) was sent to Persacola for temporary duly with skan launch. 8 pm. lo Mid. Clear fire weather, gentli brege from EME to Horth: Eswign U.S.R.	7 John & 8 John.	1. 1 2 2 2 2 1.
E. Eswarto (Oder) was sent to Persacola for timporary duly with steam launch. Sp.m. to Mis. Clear fine weather, gentle brege from Eli & Hork: Ensign U.S.N.	End- Soul de la	the freeze from 626 lo
launch. 8 p.m. lo Mid. blear spire weather, gentli brege from Ell & to North: Emsign U.S.R.	E. Eswarso (Oilea) was soul la Proposada for	ora for lemporary use
8 p.m. lé Mis. blear fine weather, gentle brege from ENE to North: Ensign U.S.N.	launeh.	ingsorwing any roun elean
Sp.m. lo Mid. Blear fine weather, gentli brege from ENE to North: Ensign U.S.N.		Amilus
8 p.m. lo Mid. blear finz weather, gentli brege from & M. & Hort: Ensign U.S.N.		Lieut-U.S.M.
Chear fine weather, gentli breeze from Ell & to Morth: Ensign U.S.N.	8 p.m. lo Mis.	
Ensign U.S.N.	Clear fine weather, gentle brege from	2 6/26 to North:
Ensign U.S.R.	Willey!	nught fild ()
		Emsign U.S.R.

Examined and found to be correct.

le, K. leursie Lavel Navigator.

LOG of the United States Steamer Essea", 3d Rate, Making bassage from Montevider to Buenos Agres.

-			WIND. BARON										TURE.			ear bs.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M	1			nwbyn	Worth-	3			29.88	67	65	60		le	cum cir	7	
2				./	,	3			29.88	67	64	61				7	
3				Vicking up bourse		3			29.87	1 4	/			4		7	
4	4	2	4-2	7-1		3			29.87	65	64	62	-			9	
5			13.5	1	MNUS	3			29.88	68	68	65	-	4	4	9	-
6			22.2	4	200	2			29.90					-		9	
7	14	20	30.2	20 3 20	South-	3			29.94	69	68	67			1	9	
8	1		38.8	wit & why n	8825	1			29.94			11		911.	t	9	
9			46.5		8825	2			29.93			-		-	eir čum	9	
10			55.6		South.	1			29.96	/	1 ,				4	8	
11	1		64.5			1			29.97	/	/		144	"	4	6	
Noon			73.0		balm	0			29.97					,	4	5-	
1		1	/													-	-

Course and distance	made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0	, ,,	
	Longitude by D. R.	0	, ,,	
Position at Noon:	Latitude by observations of ⊙		, ,,	
	Longitude by chronometer from Forenoon Observations of ⊙	•	, ,,	
	(Latitude by	•	, "	
Position at 8 a. m.	Longitude by	0	, ,,	
	(Latitude by		, ,,	
Position at 8 P. M.	Longitude by	0	, "	
Current during the				
	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0	, ,,	
	mpass by Amplitude ⊙ observed at Sunset, "	0	, ,,	
	mpass by Azimuth ⊙ observed at "	o	, "	
	mpass by Azimuth ⊙ observed at "	0	, ,,	
	ring the preceding 24 hours,		JJJ gallon	s.
Water expended du	during the preceding 24 hours,		"	
	h hand fit for use at Noon,	,	13/0 "	
	ing the preceding 24 hours,	of ton	/3/0 " s /700 lbs /325 "	
		117 "	1325- "	
Coal remaining on	nand at Noon,	102	1020	

P. M.					
1	81.0 MM 3/47.	WEST.	2	29.99 76 76 72	be cure risms 6
2	89.5 7 1/4 71	25-825	2	29.99 76 76 72	" 1 7
3	97.5- 71/8 M	nnu	2	29.98 74 75 73	· cir cum 2
4	105:3 7/4 8	6,86	4	29.97 73 74 72	4
5	109.5° & by &	26 by &	4-5	29.94 71 71 68	2
6		E by &	6	29.9470 69 66	. 2
7		4	6	29.96 73 69 66	" cir str 1
8	*	"	6	29.98 72 69 65	bel . 3
9	u u		5-	30.03 75 69 66	de cir um 6
10	11 &	Gast-	5-	30.04 73 70 66	del . 5
11	n by H	*	5-	30.03 70 70 67	8
Mid.	Wh W.		5-	30.03 69 70 68	bc . 8

Mis to Ha.M. Blear and pleasant . Gentle freeze from North: at-3.00 got under way and stood out of harbor. Took Separtion at 3.30 Mount Light having North. Point Brava 6/8 & Sel-fore walk and foresail at 3.50. Ship o draft formis 13'2" amisship, 14.2"; aft- 16:2". 4 6 8 a.m. OnsignU.S.N. Blear and pleasant. Gentle breege to light- airs feeking to Southand then haveling to SV. at 4.30 made plain sail to top gallantsails. at 5:30 took in and furled all sail and braced arouns. At-6.30 mate plain sail to top sails: at 17.30 deved up foresail and top sails. Standing up for Burnos agres under town of pilot. Changes of town were as follows: 6.37 to WSW pat-log 27; 7.23, to Wby &, pat-log 33.3; 7.40 lo West; pat-log 35.8. 7. 56 to Whyth, pat-log 38; at End of watch Insio PL. St-ship for Us th Us 1/8 Welles distant- 6 miles. Over steam 67; Con pers- 48.4 Jung Furtolina 8 am to Maid. Sient-U.S. N. Party cloudy pleasant weather. Light bruge to light - airs from &8 H to South & calme last hour Ut 9.30 inspected at querties & gave disisional instructione, Sanding up the La Clasa piver for Bue now Syres in charge of pilot on following courses. Thy It tile 8.15 then 11 1011 1/4/1 Gat log 40.4 Lill 8.45 then 11 11 14 (44,2) Lill 9.12, hen 100/4 n (48.2) Sousio Loshifo bearing Str/4/ till 10.50 hen 12 10/94 1 (62.8) till 11.06 hen MW 149 (65 2) till 1.48 hin Med by 11 /4 21 (71.2) at end of watch Chilo D-ship on port bow dist about 4 miles: Mass & took ine sail as wins allowers. Furles all sail al-11.40. Aver. steam 65 lbs; Revs. 49,5 Levil-U.S. R. Meris to 4pm. blear, clouding over towards ent of watch: Occasional passing shower. Hind light and variable. Pelot conning at 12.8 course h MM /471. pat log 14. At- 12.17 WM W 34 W. parlog 75/4. At- 1.17 W 3/4 M. pat-log 83.5. Ut J. 40 changes course for W/48 pat-log 102.5. At- end of watch approaching Buenos ayers. Shipping in plain vices Dram alone 66 lbs sham pers 46 Lieut-U.S.M. Sear weather, fresh breeze from E by S. Straming up to anchorage of Buenor ayres & came to anchor at entrance to canal to Boca at-4.35 in 3/2 fores of router and VEERES to 45 fms on port chain. Banked fixed & sent town light yango & musti; Of M. Ky Mass Teld 6/08/om Ens. U. S.M. Overcas fand cloudy. Firsh brigg from Ely & overes to bo fins on fort chain. Omstone Sporto Mis.
Blearing, Slift breege from & by & lo East Sending to moverate in force Bright mornlight: Bomm: does to swing to colf at gant finished at 12.

Gauge Huttolman 8 km do Mis, Examined and found to be correct. Vicut-U.S.M. le. K. leuris Lacit - Navigator.

al Buenos - ayres, R. a.

A. M. 1	Clear Oths.	Forms of	State of	TURE.	PERA	TEM	ETER.	BAROME					Reading				
1	Prop. of Clear Sky, in 10ths. State of the Sea	Clouds, by symbols.	the Weather,	Waterat Surface.	Air, Wet Bulb.	Air, Dry Bulb.	Ther.	Height in inches.	Leeway.	Heel.	Force.			of Patent	Tenths.	Knots.	Honr.
3 30.07 69 67 64 " 4 30.07 68 66 64 " 5 SEby & SSE 3 30.08 68 63 62 " 7 J. J. M " 3 30.10 60 63 62 " 7 J. J. M " 3 30.13 65 64 62 & none 9 Vicking out buth " 2 30.17 68 67 64 "	9	cir cum	be		68	70	68	30.04			5-	East-	71 by 20				A. M.
3 30.07 69 67 64 " 4 30.07 68 66 64 " 5 LELY E SEE 3 30.08 68 63 62 " 6 JELY E 3 30.10 65 63 62 " 7 L.M " 3 00.12 64 64 62 " 8 00.13 65 64 62 L none 9 Cicking out beth " 2 30.17 68 67 64 "	9	4									4	4	East				2
5 SE SSE 3 30.08 68 63 62 " 6 SE 3 30.10 60 63 62 " 7 S.M " 8 30.13 65 64 62 & none 9 Cicking out beth " 2 30.17 68 67 64 "	10		и								3						3
8 3 30.10 60 63 62 " 71 S.M " 3 00.12 64 64 62 " 8 2 30.13 65 64 62 & none 9 Cicking out behr " 2 30.17 68 67 64 "	10		K		64	66	68	30.07			3		*				4
7	9	-	4		62	63	68	30.08			3	and the same of the same of the same of	S6 by 6				5
8	9	*	,		62	-63	60	30.10			3	88	,				6
9 Cicking out best " 2 30.17 68 67 64 .	9		*		62	64	64	30./2			3	4	118.11				7
	10	none	6		62	64	65	30./3			2		,				8
	10	*	*		64	67	68	30.17			2	4	Vicking out seth				9
10 ME by E. NE by E / 30.17 69 68 65 be cum	9	cum	be		65	68	69	30.17			1	nEly &	716 by E.				10
11 30.17 70 69 60 " "	9	4	4								1	+					11
Noon.	9		4	1000	65	70	71	30.16			1	,					Noon.

Course and distance	made good since preceding noon by observatio	ns,	knots.	te	enths.
	(Latitude by D. R.		0 ,	,	"
	Longitude by D. R.			,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon C	Observations of ⊙	0	,	"
	(Latitude by		0	,	"
Position at 8 a. m.	Longitude by		•	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the t	time, knots tenths per hour, s	etting to the			
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunrise, sh	ip's head	0	,	"
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,	"	0	,	"
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0	,	"
Variation of the Con	mpass by Azimuth o observed at	"	0	,	"
Water expended dur	ring the preceding 24 hours,		30	18	gallons.
Water Distill	during the preceding 24 hours,		10	80	"
Water remaining on	hand fit for use at Noon,		110	82	"
Coal consumed durin	ng the preceding 24 hours,		J tons		
Coal remaining on h	and at Noon,		96 "	2060	/ - "
			/		

P. M.	mo	ored to do	ch						1			
1		S by E.	1116	2	30./5-	72	72	68	6	none	10	
2		1	,	2	30. 15	74	73	68			10	
3		"		2	30./4	74	73	68			10	
4		"		1	30.11	74	73	69		*	10	
5		,	East	3	30./3	73	72	68		cir.com	10	11/10
6		,		3	30.13	72	71	67	-	#	8	1
7		,	"	3	30./3	71	70	67		4	8	
8		,	c "	3	30./3	73	69	67	,		8	100
9		,	Ebyn	3	30./3	73	69	67	be		8	
10		,	"	.3	30.12	72	69	68	*	4	9.	
11		"		3	30.12				"		5	
Mid.		-	6718	2-4	30.12	72	68	68	4		2	12
						1						

Mis to 4 a.M. Mis to 4 a.M. blear bright - moonlight - Stiff brezz first part , decreasing to light - Gent of water.

Sea moderating . Fire: banker. John ilu 4 am 6 8 am. dient-U.S.M. pising. At 6.00 got under way and stood into the Boca in charge of foild- foassing through two locks to the berth of the Tallapoosa in No 2 Deak. Lieut- U. S.M. 8 am. to Meris, Chear fine weather, light - airs from ME by E. Steaming up to morning in the Boca. Securdo alongside wall at 12 meris. Sent doris to Tallaforosa, Ensign M: Cauly was drains freed to U.S.S. Tall alorosa. Private Dand Rearson U.S.M. C. was this Jay with his transfer papers sent to U.S.S. Tallofovosa, Discharges by peason of own request P.O. Mit Manus. Engineers Troman. Un officer from the Nalian bowette Provana called oficially and the call was returned by the boundy. Officer. Meris to 4 pm.

Clear and pleasant - Sight breeges from MME. Finished occurring

ship and sent remainder of stores to Tallapotosa P.O.M.M. Manuer late Engr.

Teo. left ship. Musione 4 to 8 fo.m. Clear and pleasant: Sentle brege from East-Sent liberty party ashore.

8 fo.m. to Merid.

Stear and pleasant: Bright moonlight: Barometer steady.

Sentle breeze from & and Eby M. Lizert- U.S. N.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.																	
1				Moored to dock	NNE	3			30.11	71	66	63		6	none	10	13/3
2					*	3			30.11	70	65	63			4	10	
3					*	3			30.11	70	65	- 63		*	-	10	
4					4	3			30.11	69	65	63		4	*	10	
5				*	4	3			30.16	69	63	61		4	4	10	16.6
6					4	2			30/8	68	64	62			mine	10	
7					*	2			30.17					de	cirrus-	8	
8					M by W	2			30.17					ae	circus	20	
9					71716	3			30.16					Le	circum	1	
10				*	*	3			30.16	69	69	60-		*		4	
11					•	3			30.16	70	70	66			cum oli	6	
Noon.						3			30.16	/					4	6	
											-						

Course and distance	made good since preceding noon by observation	ons,	knots.	tenths.
	Latitude by D. R.		0 ,	"
	Longitude by D. R.		0 ,	"
Position at Noon:	Latitude by observations of ⊙		0 ,	"
Position at Noon: Position at 8 a. m. Position at 8 P. M. Current during the time Variation of the Compart Variation	Longitude by chronometer from Forenoon	Observations of ⊙	0 /	"
	(Latitude by		0 ,	"
Position at 8 a. m.	Longitude by		0 ,	"
	(Latitude by		۰ ,	"
Position at 8 P. M.	Longitude by		0 ,	"
Current during the	time, knots tenths per hour,	setting to the		
Variation of the Con	mpass by Amplitude o observed at Sunrise, s	hip's head	0 /	"
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,	u	٠,,	"
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0 ,	"
Variation of the Cor	mpass by Azimuth ⊙ observed at	u	0 /	"
Water expended dur	ring the preceding 24 hours,		3/	gallons.
Water	during the preceding 24 hours,		. /3-	49 "
Water remaining on	hand fit for use at Noon,		22	4/ "
Coal consumed durin	ng the preceding 24 hours,		3 tons	780 lbs.
Coal remaining on h	and at Noon,		3 tons	1286 "
			1	

P. M.													1
1			moores to Sock	North.	2	30.18	71	71	66	be.	cir ofr	6	-
2			"	4	2	30.15		1.	1			6	1
3			,	4	2	30./3		/				6	1
4			"		1	30.13				. 4		6	1
5			11	- 4	1	30.06		1	1000	*		6	1
6			ENE	6716	2	30:06		1	1		cirus-	5	
7			· East.	n E.	3	30.01			/				1
		4.5	4 11 0	6718	3	10.02							-
	77		"	118	3	30.05		1	/	o.c.l.	nimb	0	-
	88		6 3/48	222	3	30.05		*	11	bel.			
	90		,	*	4	30.07			1				-
	1	39. 7	86 148	North-	3	30.09		1	1	,			-
		//											1

Mis to Ham.	
Blear and pleasant : Leathe breege from N. ME. Br	ight - moonlight - 1m Cameron
Och.M.) was not to be found, when warded for duty. 4 to 8 am.	Ging LevHolman
4 40 8 am.	Lieut-U.S.M.
blear and pleasant. Light- and Tendle breezes from MM	E. The following named rune
were found to be absent from the ship without permission : Wo Les	inchey (678), Patt. Droyer (200)
and a. E. Durand (Los-). Half masked colors at 8 am. or	account of death of King
were found to be absent from the ship without bermission : W= Lis and a. E. Durand (Los). Falf master colors : at 8 am. or of Holland.	Ensign I.S.R.
08 am to moreo.	Gusignell. S.K.
Pleasant weather gentle bregg from MME. M	where at quarters. I'm Jone
(borpl), Ed. J. Tymell (OS), J.J. Simonson (896.), R. Hilson	(2cl 9), J. B. Loas (P.M)
W. Carmory (PM), Palk! Dougherry (Pol-M) W. Linchey (B)	74), a. E. Durano (250)
Pal: Droyel (200) none absent- without- leave. I. Simo	uson (6.5.6.) peturnes at-
10 a.m. 8 was confined for sate Keeping. Vere Mahoney (11 was bloced under scrituis
Charge for safe Keeping for attempting to smuggle liquor. Vortalin to U.O. I. S. Fensacola. Mend 10-46m.	howder Steam Butter for bous-
Dorlatin to U.S. Fensacola.	M. Kay Masu Juld.
Mend lo 4pm.	Cusign U.S.K.
Blear & warm. Light-brieze to light-aire from Me peasy for sea. R. Wilson (2 cl. F.) and Es. Tyrrell (OS) redurnes	och. Singled lines and made
peary for sea. & Wilson (2 cl. I.) and Es. Tyrrell (OS) redurned	on board f/2 has over time.
Hom to 6pm.	o. 1. Lind-U.S.M.
Bright- and pleasant- Barometer strasy. L	ight-airs to gentle briege
from North. al-4.45 cash of from the wharf and stood	out the sock in charge of
Spilot The ship bring mandowers by a ling shead and after leading into Boca bilot-in charge. Released J. Mahoney (Com order that he might attend to his duty in the fire poor turned 9/2 hours over time. M. Jane (borpl. M) returned 1/2 ho for's 13'3"; amis ship 14.5; after 16'7".	in . all 6 Manning out canal
! trabing into Soca Bilot in charge. Released J. Mahoney ((1) from confine ment temporary
in order that he might allend to his dudy in the fire poor	m. J. B. Doad (Ost M) per.
Junes 9/2 hours over time. M. Jane (book M) resuntes 10/2 ho	er over time. Draught of dup
for 15 3"; amit ship 14.5; aft 16 7".	J.T. Hewler
11- 71-4	Sieul-U. D. M.
8 pm to Mid.	e. , , , , , , , , , , , , , , , , , , ,
aux weather, gentle bruge from 16. to 616.	Draming out of channel to
Soca. W file set course 6/4 D. and fout over foot log	. Clour Seam 70 Clar no. 19
8 h 1-211:1	W. I'm Miles file
of om to Med.	1 Consigned &. M.
Opereast & cloudy, Sentle and moderale of Of 9.30 changes course to & 34 S. pal-log 16.80, sel-for	briefer from 16 to North
the give changed course to 6/4 D. patilog 16.80, set for	or and aft sail at 9.05 and
toposails at 9.55. at 11.15 changes course to 686/486	5 4 1 1 3-1 /11 11 11
lower to SE by E/4 & pat-log so and at- 11.44 for SE 1/4	16. pat- log 07.6 UM. 80
took in and furles all sail. aver steam To los; aver pe	Continue
	Ensign U.S.N.
	onign a. S.M.

Examined and found to be correct.

le. K. leurs. Laint-, Navigator.

2

North. ENE North. SW

Noon.

LOG of the United States Stramer Essex ,3d Rate,
Making passage from Buenos Pyres- lo Montraideo

							-						Annual Control		District the Delivers	parenty .	Street, Street,
			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sec
A. M.	8	0	48.6	28/48. 28/48. 28/48	South-	2			30.13	75	74	70		ocl	cuis. Hint	. 0	
2	8	0	56.2	88/88	East-	2			30.09	73	72	71		4	+	0	
3	8		64.6	16 by 6 3/4 6	North.	4			30.08	72	70	67		be	eir, di	6	
4	8	2	73.3 -	,	"	4			30.09	70	68	65		4	cum str	11	
5	7	8	81.3	N by 6 /4 6		4			30.08	69	66	65-		*		4	-
6	8	0	895	1		4			30.09	66	64	63		4	4	3	
7			98.0	116 by 6 1/4 6	4	4			30.11	66	64	63		¥	*	2	
8			104.	"		4			30./2	68	68	65-			circum	2	
9				North.		3			30.12	72	72	68		4	otrat:	5-	
10				ENE	nnw	3			30.12	74	76.	70			۲	6	
11				North.	×	3			30.12	1 1	1			"	4	5	1
Van				8711	711-8705	11			30 14	/	50			4		9	

WSW

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0	"
	Longitude by D. R.	0	, ,,
Position at Noon:	Latitude by observations of ⊙	0	, ,,
	Longitude by chronometer from Forenoon Observations of ⊙	0	, ,,
	(Latitude by	٠	, ,,
Position at 8 a. m.	Longitude by	•	, ,,
	(Latitude by	•	, ,,
Position at 8 P. M.	Longitude by	0	, ,,
Current during the	time, knots tenths per hour, setting to the		
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	•	, ,,
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset, "	0	, ,,
Variation of the Con	mpass by Azimuth ⊙ observed at "	•	, ,,
Variation of the Con	mpass by Azimuth ⊙ observed at "	•	, ,,
Water expended dur	ring the preceding 24 hours,		932 gallons.
Water Distill	during the preceding 24 hours,	8	0/ "
Water remaining on	hand fit for use at Noon,	20	890 "
Coal consumed during	ng the preceding 24 hours,		//80 lbs.
Coal remaining on h	and at Noon,	83 "	105 "

30.14 74 74 71

P. M.						
1	Sh.	25	2	30.15 74 73 71	be	cum str 3
2	Swby S.	"	2	30.15-75-74 72	"	" 3
3		"	1	30.15-74 74 71	"	" 2
4	875	88.8	1	30.15 73 74 72	14	" 2
5	2525	W by n	1	30.11 74 74 72	"	- 3
6		1	1	30.11 74 74 71		. 3
7	"	,	/	30.11 76-74 72	u	" /.
8	* /	0"	1	30.11 77 75 72	00	. 0
9	nwbyn	balm	0	30.15 77 74 72	oed	cumilline o
10	25	"	0	30.15 76 75 72	oe	" 0.
11	\$ 6	•	0	30.18 75 75 71	4	" 0
Mid.	"	,	0	30.17 75 74 71	1	. 0

Mid to 4 am. Blowsy first part, clearing latter part. Standing foron the Rio de la Plata for Montevises under conn of pilat. Changes of course vous as follows. -1.15, SE by 8, patilog 46.6; 1.33; SE/85; pahlog 53:3; 2.05; 486. pat-log, 57; del-2.12 passed India point Lightship bearing on the port beam, pat log 59.3; al-2.30 changes course to ME by & Ju & pat-log 60.3 at-2.30 set forexaft sails aver. excam 70, revs -50. Jing Lel Holman 4 to 8 am. Vieut-U.S. M. blowy but pleasunt. Moverate breeze from North- first part of roateli danding in for Month video sin charge of pilot. Ut-7 exchanged numbers with-U.S. F.S. Changed numbers with-U.S. F.S. Ut & standing for anchorage. Ships frost for's 13; ancis 14'3" x aft- 16'2" 8 am to Meris. dient: U. S.M. blear and pleasant- Barometer steasy Leulle breeze from Il and MMW. Moores ship in I fins, mus bottom, to fine port chain anchor to Do x Wid; 30 fms. sto chain anchor to MJ; put on mooning sovivel; unstacks Ald chain at sofons shackle, and bent to sheet anchor, ship riding by port-chain Bearings from anchorage Magnetia, Mount Light - WMW /4W, asylum NE 98 M. Haules fires . absenties . O. Dougherty (Od) H. Larmory (Pol.) M. Linchey (BT) Path Droyet (200) & a. E. Durano (250). Bransing officers came from N. B.M.S. Bleopatra and he Spanish cruiser bolon: Sent Talapoosa's deam cutter to Hag hip. Sent Officers to ble apatra to reduin thanks for offer of civilities. Commences cleaning ship outside. dial-U.S. M. Merio to 4 pm. blear fine weather light briege to light airs from SW. At Low ashlighter came alongside a ashes nour discharged with her . aires bedding in obedience to signal. An officer was sent to call officially on the Spanish Sovette Colon and the Uniquayan Corvette Rivera The Comog. Officer left lo pay official visito: Un officer from the Unquayan Coroctte "Revera" calles W Roy / Alben field. officially. 4 6-8 PM. Gusignell. D.M. Cloudy and pleasant: Barometer steady. Variable light-airo- at-5.35 the fire alarm was sounded, a fire heving broken out in the Teomer store room, caused probably by a lighted match dropped on the fresh by shel. Sent a liberty party ashore.

Sint a liberty party ashore. 8 pm do Mid. Overcast & rainy last hour. balms. Examined and found to be correct.

LOG of the United States Steamer Essex"

Al- Mondevider, Unequay.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				SE by S	nw	1			30./7	76	74	72		oe	ruinl	0	
2				919125		2			30.14	75	73	71				0	
3				Mby W	116.	1			30.12	75	73	70		4	u	0	
4				7 7120	nnw	1			30.11	75	-72	71		*		0	
5				20 20	Horsh-	1			30.11	73	72	70		•	stratus.	0	133
6				"	2820	1			30.11	73	72	7/		be	cam mint	1	
7				E by &	888	1			30.12	72	71	71		oe	14	0	
8				688.	116	1			30.14	73	72	71		4	4	0	
9					East-	1			30.15	72	71	70		4	4	0	
10				*	"	1			30.13	72	7/	69		*	4	0	
11				•	4	1			30.15	73	72	69		4	-	0	
Noon.				SS &	86	2			30.15	/	/	70		be	cir str	5-	
176										/ /	/ /						

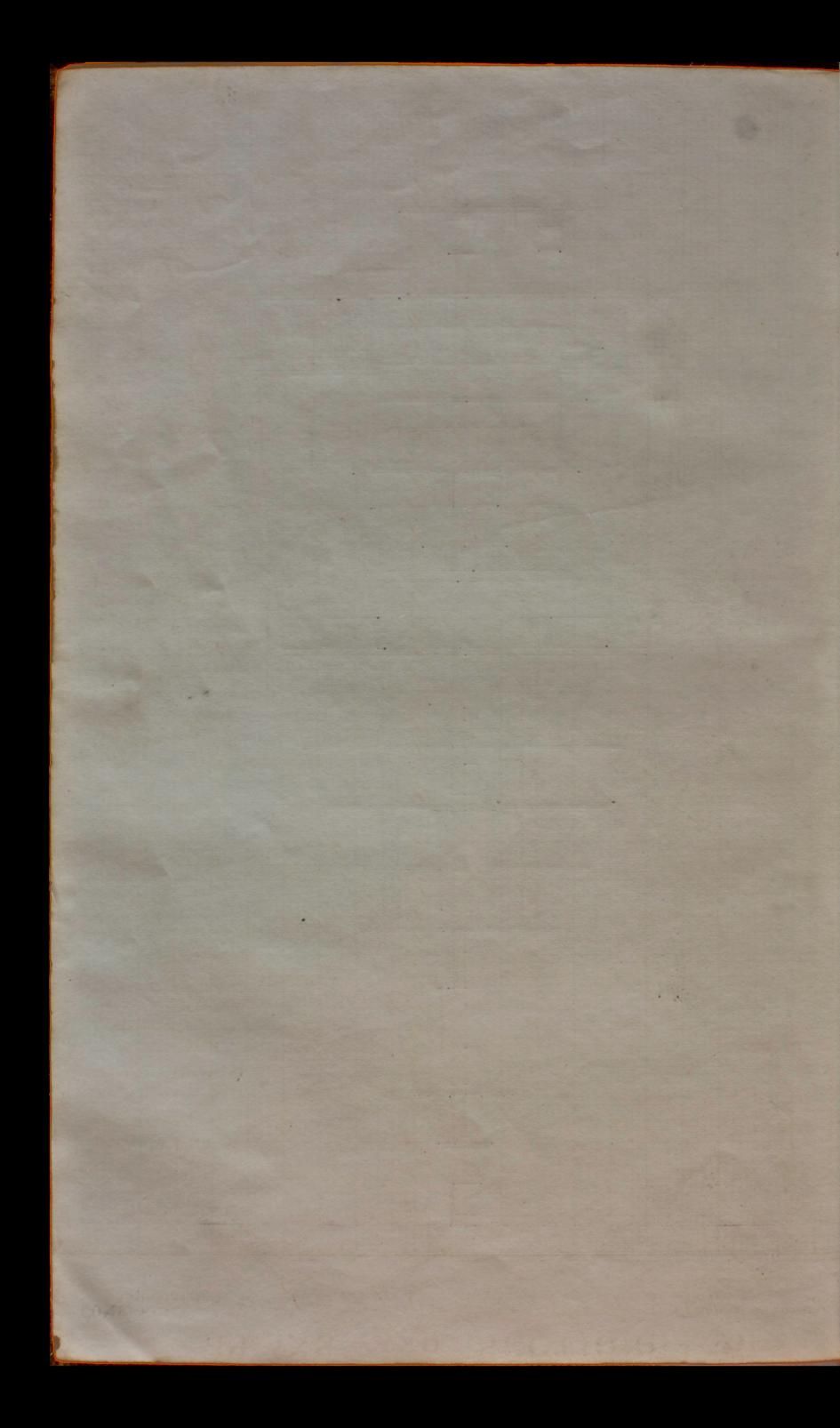
Course and distance	e made good since preceding noon by observat	ions,	knots.	tenths.	
	(Latitude by D. R.		0 ,	"	
	Longitude by D. R.		. ,	"	
Position at Noon:	Latitude by observations of ⊙		0 ,	"	
	Longitude by chronometer from Forenoon	Observations of ⊙	0 ,	"	
	(Latitude by		0 ,	"	
Position at 8 a. m.	Longitude by		0 /	"	
	(Latitude by		0 ,	"	
Position at 8 P. M.	Longitude by		۰ ,	"	
Current during the	time, knots tenths per hour,	, setting to the			
Variation of the Co	ompass by Amplitude ⊙ observed at Sunrise,	ship's head	0 /	"	
	ompass by Amplitude ⊙ observed at Sunset,	u	0 /	"	
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0 ,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0 /	"	
Water expended dua	ring the preceding 24 hours,		38	J gallons.	
Water	during the preceding 24 hours,			"	
Water remaining on	hand fit for use at Noon,		20	505 "	
Coal consumed duri	ing the preceding 24 hours,		tons	400 lbs.	
Coal remaining on l	hand at Noon,		82 "/	945- "	
			- /		

P. M.							1			
1	E by &	686	2	30./3 70	1- 75	72	be	cir str	5	
2	East	"	3	30./2 7.	5- 76	7/			5	
. 3	*	"	3	30.11 7			"	cir eum	6	
4		"	3	30.10 76	4 1	A. K.			6	
5	1	"	2	30.09 70	11.1		"		8	
6	•		3	30.09 7.			*	1	6	
7		"	3	30.10 7			4	1	4	
8	"		3	30.10 7	-	/			4	
9	S & by S .	286	2	30.10 7				cirat	6	
10		"	1	30.11 70				,	4	
11		"	1	30.11 73	4	-	,	cir	6	
Mid.			1	30.10 74			,	4	9	
1-03-03										1

Mid to Ham. Overcast & cloudy. Light- airs and breezes from MEXMUS. 8 Am, a- mirid, Ensign U.S.M. ! light - airs : Reed in Pay. The bomba. Officer adjudged the following punishments I quarter and boundy. Officer J. J. Apple gal & S. Alofo. 2cl. without Jack Knife aloff; - 4 hors Estra duty
O.M. Bannon (S. Alofo 2 - bl.) Not-going aloft- to cross: royal yards: - 2 greeter Carmody (Pot), 15th Linchey "19) The Comansing Officer list & D. Loas (Pot) & watcher: J. B. Loas (Pol-M.) Not hinning out; when ordered to by Sugt of Sward. it- Frial by Shourt Martial Unter sentings charge to await trial by S. bourt Martial . W.O. Pugle (Sea) W. Ry Main tild Talking loud & singing out on quarker seck. Dispersorchill to officer of his Busign. U.S.M. Seck. - 24 hours extra duty. B. Wolen (Out.) Meg lect of duty, allowing Es from ESE. Sent-libers men over gangroay vilhout premission Under the influence of liquor, while on only Univer sendings charge, to await trial by S. bourt Mertial Omeron. A. Hubbars (OM) Thos: Shiels. (OM), Seo. Shiffill (OM), Oath. Degrien: SE. Ensign U.S. N. (PM)-Migliet of duty. Each 12 hours extra duty. R. Sherlock (PM) W. Ry Masn Juld Unter influence of liquor when wanted for duty: - 24 hro: Estra duty. board spunk and by and fighting - Reduced to 2 rd. M. Comb (PM) Not laying aft harge to boatsfalls - thes extra duly. Barman M. T. (Om) Sitting Som Onesione on food- and talking 24 his extra duty. Tok Meal (bl. book) the. EnsignU.S.M. 68. J. Tyrell (OS) 1/2 hrs; R. Wilson (2cl J) 7/2 her overtime, M. Jane (both) 10/2 how overtime end drunk, - zach peduced to 2 nd blace. Palk: Meronan (sel F.) so minutes overtires - 10 days. quarantins (Sherlock (P.M.) Moving prisoner to go on deck while under his charge - 12 hrs. Extra dudy. T. E. Journo (app) oroso. in . attention while boat keeper in gig- 2 says - bost-Keeper in gig.

Examined and found to be correct.

Le V. Servin Lient Navigator.



, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mis to Ham. Overcast & cloudy. Light- airs and breezes from MEx MW. Omreone I lo 8 a.m. Cloudy or overcast. Barometer steady. Variable light- airs: Reid in Pay. Dept. 113 /4 lbs. beef, 113 /4 lbs. orge tables; 91 lbs- brad. Ensign U.S.M. Lieut-U.S.K. 8 am to Merid. Overcast & cloudy. Light airs from East- Mustered at quarters and Londy. Officer inspected ships crew. Fin absentes; P. Dougherly (Pot) H. Larmory (Pot), H. Linchey (BH), Pat. Dwyer (So), a. E. Durand (Sdo) & Peter Hand (NJ) The Comanting Officer infliction the following punishments: according to appended list. J. B. Loas (Pot) & B. Holan Pot) were placed under sendry's charge to await-trial by Shout Martial by order of borning Officer. W. Ry Main Tald. Meris do 4 pm. blear a pleasant . Light-and gentle bruges from & S.E. Sent-liber, party on shore. Omeron. Spru to Mid. Sartially cloudy and pleasand: Light-airs and bruges from ESE.

and SE, a. E. Durand and Path Doyer peturned on board spunk and by order of Coming Officer were placed under sendings charge.

Onescone

Onescone Cusign U.S.M. Cusignal S.M.

Examined and found to be correct.

Lee K. Sewin . Lient Navigator. LOG of the UNITED STATES Steamer Essex. "
At- Montevideo, Uniquey.

		1000						/					-			-	and the same
1788			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.														,			
1				286	1116	1			30.10	74	72	71		de	cir.cum	6	
2				58	•	2			30.10	73	71	70		*	4	5	
3				116		2			30.10	72	70	70		*	-	8	
4				MNE	North-	2			30.10	70	69	69	199	de me		4	
5			4000	M by W	1116	2			30.10	71	69	68		4	cum zuinb	10	
6				Morth-	4	1			30./3	69	68	68		4	*	6	
7				"		2			30.14	70	69	69		4		8	
8				Mby 6	•	2			30./5	71	71	70		de	4	9	
9				Mall	•	1			30.16	74	73	72			"	9	
10				SE by S	86	3			30.14	72	73	73		4	4	9	1000
11					4	3			30.14	13	73	73		4	4	9	
Noon.				\$6.		3			30.13	74	73	73		4	"	9	
1									-		-	-					-

Course and distance	made good since preceding noon by observations,		knots.	tenths.
	(Latitude by D. R.		0	, ,,
	Longitude by D. R.		0	, " "
Position at Noon:	Latitude by observations of ⊙		0	, ,,
	Longitude by chronometer from Forenoon Obser	vations of ⊙	۰	, ,,
	(Latitude by		0	, ,,
Position at 8 a. m.	Longitude by		٥	, ,,
	(Latitude by		0	, ,,
Position at 8 P. M.	Longitude by		0	, ,
Current during the	time, knots tenths per hour, setting	g to the		
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's l	head	۰	, ,,
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset, "		0	, ,,
Variation of the Con	mpass by Azimuth ⊙ observed at "		0	, ,,
Variation of the Cor	mpass by Azimuth ⊙ observed at "		•	, ,,
Water expended dua	ring the preceding 24 hours,		40	of gallons.
Water	during the preceding 24 hours,			"
Water remaining on	hand fit for use at Noon,		209	7 "
Coal consumed duri	ng the preceding 24 hours,		tons	400 lbs.
Coal remaining on h	nand at Noon,		82 "	1545- "

P. M.					
1	688	6.56	2	30.10 74 74 74	Le cum cir 8
2	"	-	2	30.10 75 74 74	4 4 8
3	East-		2	30.10 74 74 73	7
4	"		3	30.08 7473 72	" " 7
5	"		3	30.08 74 74 72	" 7
6	116	East-	2	30.06 75 75 73	4 4 7
7	"		2	30.05 74 73 72	bene " 5
8			2	30.06 77 74 72	" 1 9
9	778	116	2	30.07 76 74 71	" - 7
10	ME by M.	"	3	30.07 74 72 70	ba. cin 9
11	EME	4	3	30.08 73 71 69	a circum 6
Mid.	6 by N	"	1	30.08 73 71 69	6

Mid. to 4 am.
Blear and pleasant. Light-airs to light-breeze from MME. to Moth: Midy often
3.45 am.

4 to 8 am.
blear frie weather light-breeze from MME. Liberty party peturner, there men
absent without leave. Rec's fresh provisions for ships company. N. Ry Maem Full.

Dect. 8 to 12 mm

2 from MME & SE. At 8.46 sall hands and loosed sail. Thout leave : Path. Doughorly for 2 (6/4). Exercised Dive as general Oround stone as follows in Construction copy of specifications peoper B. Load U. SM. C. Placed Potk. I Dutch Sushtrolo - await trial by bourt - Martial 1-18 ft tar round wow 1- 19 ft 9 m. 2 in deam. bar round in Meistone 1-18ft It in bar round from Consign U. S.M. Light-to gentle briege 1-19ft 9 in 2'x /2' bar flat Iron ingo wer top gallent yards Rec's 5 trus 25 Sal Lineed Och Ry on Bottini & Co. The 100 lbs shellac "pair an official visit. 184; 1.05; 6/07 & 6/43 anso. 20 gall alcohol for Equipment Jung Furtilynan Lieut-U. S. M. from East & ESE. Rec'd on 201 gallon Alluminatingoil I Cord broad: (marone blear and pleasant. Sentle breege to light- airs from ME.
Ging Hell Johnon

Examined and found to be correct.

le. K. lenshi Laur- Navigator. LOG of the United States Steamer Essex

			Reading		WIND.				BAROME	TER.	TEME	PERAT		State of	Forms of	Clear Oths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				ME by M	118	2			30.08	72	70	68		6	none	10	
2				11116	21216	2			30.08							10	
3				Ebyll		2			30.07	71	67	66			*	10	
4				"	*	2			30.07	70	67	66				10	
5				"	Ebyll	2			30.05	70	67	65		4	,	10	
6				11 by 6	MM/6.	2			30.05	70	67	66		*	*	10	
7				11116		2			30.06	72	69	68		be	cum	9	
8						3-4			30.07	74	71	69			4	7	
9				•		2			30.07	75	73	71		4	"	7	1
10				116/211		2			30.06	75	75	72		4	4	7	
11				6116 146		2			30.06	76	77	73	1	*		7	
Noon.				EME 146 ME by 6 1/4 6	4 .	2			30.05	77	78	74		4		8	-
							-	-									-

Course and distance	made good since preceding noon by observati	ons,	knots.		tenths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of ⊙		0	,	"	
	Longitude by chronometer from Forenoon	Observations of ⊙	0	,	"	
	(Latitude by		0	,	"	
Position at 8 a. m.	Longitude by		0	,	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		0	,	"	
Comment during the		setting to the				
Current during the			0	,	"	
	impass by Amplitude o observed at Sunrise, s	mps nead	0			
	mpass by Amplitude ⊙ observed at Sunset,					
Variation of the Co	mpass by Azimuth ⊙ observed at	"	•	,	"	
Variation of the Co	mpass by Azimuth o observed at	"	0	,	"	
Water expended du	ring the preceding 24 hours,			370	gallons.	
Water	during the preceding 24 hours,			-	"	
Water remaining on	hand fit for use at Noon,			172	7 "	
Coal consumed duri	ing the preceding 24 hours,		tons	4	7 " 600 lbs.	
Coal remaining on l					45" "	

. M.	ME by M	NNE	2	00.03 78	79 74	bem	cum	5
2	n 2/2 n	"	2		76 74			
3	11 11 6	"	2	30.01 78		4		4
4	11 by &		2	29.97 78			cir. cum	4
5	E 1/2 M	6/271	2	29.94 78	76 72			4
6	4		2	29.93 78			4	4
7	6/28	E by M	1	29.93 78		"	4	5
8	8118	16 by &	1	29.93 79	75 72	-4	и	6
9	11/18	6/16	2	29.93 79			4	8
10	11 by 6	North-	3	29.93 79			4	8
11	"	"	3	29.9477	73 71	4	cum	8
Mid.	,	"	3	29.9477	1		u	8

Mid lo 4 am. Bright-moonlight. Light-breeze from ME to MME.

Fire lener
Lieut-U. S. M. Ho & am Blear and pleasant. Light-to moderate breezes from & by Mx MME. Set-up rigging and got ready for farging sown. Peter Hand came on board two days over time. Flagshifo made uniform signal. Meg. 16; Aff 18; Poin 15.

Description Unicione 8 am to Merid. Onsign U.S.M. visit. Engages in setting up rigging and tarring sown. At 9.45 mase signal num. 4; hum. 3; num 83. Answood. Juga Live Solman Merit to 4 pm. Blowby but pleasant. Hazy along horizon. Light-breeze from Will 6. Crew engaged setting up rigging and tarring som. A Summary bourt-Martial convenes at-1. for the trial of J. B. Molan (Pot-) 21. S. M. C. and others. Court adjourned at 4 to meet at 10 am do morrow. Hor 8 pm Sieut. S.M.

Vagy and warm. Light-breeze to light-airs from Elyth to ME by E.

Barometer falling. Sent a liberty party ashore. P. Hand (175) was released from sendry charge.

Turn Light-breeze Jenge Lette Aleman 8 fru to Missight. Clear starlight. Light to gentle briege from EME to Northdient-U.S.M.

_		-				-	-		-	-		-					-
			n V		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Forms of	Hear	e Se
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				71 8 by 21	North-	4			29.93	76	.70	69		be	cir. cum	6	
2				nn E	MNE	4			29.92							4	
3				6116		5			29.89	74	68	67			*	6	
4				N 646	North-	4			29.90					"	*	6	
5				6 1/28		4			29.91			1			cir.cum	7	
6				116 by 6		4			29.93					4	cir cum	6	
7				11 by E		3			29.94					4		6	188
8				Morth-		3			29.95	1		1 -		*	~	6	
9						2			29.95	1	The second		193	bem	4	4	
10						2			29.95			,	172	*	•	4	
11				n 20		2			29.95				-		<	4	
Noon.				Sw		2			29.94	79	80	77	1		-	4	
									-			//					

Course and distance	made good since preceding noon by observations,	knots, tenths.
	(Latitude by D. R.	0 , "
	Longitude by D. R.	. "
Position at Noon:	Latitude by observations of ⊙	· , "
	Longitude by chronometer from Forenoon Observations of ⊙	0 , "
	(Latitude by	0 , "
Position at 8 a. m.	Longitude by	o , ,
		· , ,,
Position at 8 P. M.	Latitude by Longitude by	0 /. "
Current during the		
	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //
	mpass by Amplitude ⊙ observed at Sunset, "	0 / //
	mpass by Azimuth ⊙ observed at "	0 / "
	mpass by Azimuth ⊙ observed at "	0 / //
	ring the preceding 24 hours,	360 gallons.
Water	during the preceding 24 hours,	"
Water remaining on	hand fit for use at Noon,	1367 " tons 400 lbs. 82 " 745" "
Coal consumed during	ng the preceding 24 hours,	tons 400 lbs.
Coal remaining on h		82 " 745" "

-	1		Name and Address of the Owner, where the Owner, which is the Ow		-	7	-			-	-	-	-
P. M.		2318	229	,		45.44			-/	1		1	
1		SEL S	586	2		29.94	79	77	76	bem	cune	6	-
2		Sky &	"	2		29.93	78	77	75	"	и	6	
3		0.		2		29.90	78	76	75	и		6	
4		686	"	2		29.89	79	78	74	u	cir sor.	7	26
5		6716	East-	2		29.89	79	79	74	"		3	
6		686	686	2		29.90	77	76	74	"		1	-
7		"	"	2		29.90	76	75	73	"		2	
8		Eby n.	6 by M	2		29.90	80	76	72	aclmi	ximb	0	
9		1"	,	2		29.90	80	75	72	bel		6	
10		"	"	2		29.89	79	76	74	4	-	6	
11		6716	616	2		29.89						6	3
Mid.		NW.	nw	2		29.90					V	6	
								1					9.4

Mis to 4 am. blear and pleasant: Bright-moont and MME. Secreasing at end of watch. Occasi	
Clear and pleasant: Bright-moone	light. Moderate to fresh briege from North-
and MME. Secreasing at ent of watch. Occasi	onal lightning to &'s and 1/15.
41-500	J.T. Walter
4 lo 8 am.	Lieut-4. S. M.
Hagship mase Suss signals and at 7.30 the	time signal Recisor brand
of crew 115 lbs rach fresh bref and orgetables.	and 92 lbs breat.
Hagship mase spess signals and at 7.30 the of crevo 115 lbs rach fresh bref and orgestables. 8 am to Meris.	Jung Helpholm an
8 am to Meris.	Lieut-U.S.M.
Mosth- al- 9.30 inspected at quarter . O. Dougherly	Harm & pleasant. Light-bruges from
Mosh . Ul - 9.30 inspected at quarter . V. Dougherly	(Jos), M. Carmody (Jos), WI'm Linchey (67)
worm without reave. Dummary Court Ma	that met at 10 and actionines until
borortte Pamuhybu came in and moored	is inner leader of mess. Beagilia
salution with-the port; U.S. F.S. Pensacola	x 74. B.M. S. Cleoso alra. The following
punishments were inflicted by the Com &a. C	Bier Palk. OBriene Post Jok in
on post - 12 hrs Estra duly, Fr. T. Carrie	an (Pot) Ditting sown while on
post - 24 for Estra duly reduced to 4th class	: Jas: Droyer (618) this overtime
proceed, one class; P. Thank (M. J.) 2 Says over	Fine and Spunk - Reduced to 4-class
Estra duly and produced to 4th class. Patte	OBrises Pl- Sitt: 5-1 - 24 hours
on post referred to the Somiral for action	ve.
	Totrriemen.
Mous to 4 pm.	Lieut- U.S.M.
Bloudy and Joleasant Baromete	is steasy, Light-brings from North
Monis to 4 pm. Bloudy and foliasant. Baromete Rec's in Pay Delot. 5 boxes- tomators: 11 b Jables. Lorapsed boat spars: 4 to 8 pm.	oder ham & 20 boder Tinnes vege-
paris. Derapord boat spars:	1. M. 1
4 / 8 pm.	Lieut-U. S. M.
4 lo 8 pm. bloury, hazy. Light-breeze from of 7. B.M. S. bleopatria pais an officia 8 pm to Mis.	ESE to E by M. Comog. Officer
of 7. B.M. S. Bleopatria pais an officia	I visit-to the ships.
	John cue
Spin to Mes.	sicul-U.S.M.
Spon to Mis. Generally clear, cloudy to Box horizon. Instications threatening pompers. Light Pursuide sunt Tallapoosa's and this ships launch alongside a	Wo brilliant chaine lightning about SH
Parsa coler sunt Tallahamis in this of the	+ 112 from Goyd, GNG XNW.
poor wet in stops tourch illorged a	Lieut- U. S.M.

Examined and found to be correct.

le. K. leur ho Zaint- Navigator. LOG of the United States Steamer Essex.

At Monte video, Uruguay.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leewny.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Balb.	Waterat Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				North-	North-	3			29.90	78	74	72		och	cum str	. 0	
2					,	3			29.90	78	74	7/			*	0	-
3				7120	1120	3-5			29.94	77	71	71		oegl	cum nin	40	
4				"		1			29.94	76	69	70		1.	1	0	
5						3			29.93	74	70	72		oc	cum st	=0	
6						3			29.94	72	69	72		4	4	0	2
7				MAN.	MMW	2			29.93	72	69	68	-	4	4	0	
8				nnw	MNW	1			29.94	47/	70	69		64	*	1	
9				286	8871	2			29.98	73	72	71		4	*	4	
10				South-	*	2			29.98	74	73	72		4		4	
11				38	86	2			30.00	77	74	73		* .	cir cum	6	
Noon.				286	•	2			30.00	77	75	78		ť.	cir cum.A	4.6	

Course and distance mad	le good since preceding noon by observation	ns,	knots.	t	enths.
	atitude by D. R.		0	,	"
			c	,	"
Position at Noon: {	ongitude by D. R.		0	,	"
	atitude by observations of ⊙				
(L	ongitude by chronometer from Forenoon (Observations of O	0	,	"
(Ia	atitude by		•	,	"
Position at 8 a. m. Lo	ongitude by		•	,	"
(Ia	titude by		•	,	. "
Position at 8 P. M.	utitude by ongitude by		•	,	"
		patting to the			
Current during the time,				,	
Variation of the Compas	ss by Amplitude observed at Sunrise, sh	nip's head	•	-	"
Variation of the Compas	s by Amplitude ⊙ observed at Sunset,	"	0	,	"
Variation of the Compas	s by Azimuth O observed at	"	0	,	"
Variation of the Compas	s by Azimuth 3 observed at	"	0	,	"
Water expended during				385	gallons.
					"
Water	during the preceding 24 hours,			08	2
Water remaining on han	d fit for use at Noon,			900	2 " T lbs.
Coal consumed during th	he preceding 24 hours,				
Coal remaining on hand	at Noon,		82 "	3/10	7 "

P. M.								1
1	South-	686	2	30.01 75 75 74	te	cir.cum	6	-
2	286	\$6	2	30.01 76 75 73			6	1
3	South-	886	2	30.01 76 76 73	"		6	ı
4	4	\$6	2	30.01 75 75 73	×		6	1
5		286	2	29.98 75 75 74			5	ı
6	,		2	29.97 75 74 73			5	-
7			1	29.96 75-73 72			5	1
8	286	\$6	2	29.97 75 72 72	6	none	10	
9			2	29.97 75 72 72	bel	cir.cum	6	l
10	Dby E	*	2	29.99 74 72 72	*		6	
11	89	712	2	30.01 74 73 72	be	u	4	
Mid.	"	2116	2	30.0/ 72 74 73	bel		3	

Mis to 4 am. Owncast & cloudy a squally, with bright light-ning .	
Overcast & cloudy & squally with bright light-ring	Seath to still breeze
from Mx MW.	1.0100.
	N. Rog Mason Full.
4/08 am	Gusian U.S.M.
Overcast. Threatening first-two hours. South bree	ge first three hours-
unstraty in force & Sirection. Light-nivly air last hour. a	bout 5:30 the catamara
of this ship with Ins . Sliney (Sea) on board was brown al	ougside by treg Comercia
4 to 8 am Overcast: Threatening first-two hours: Sentle bree unstrate in force & Sirection. Light-Mily air last hour. It of this ship with Ins. Sliney (Sea) on board was toroed at Places Inv. Sliney (Sea) in cell for safe Keeping.	
	At Miluer
8 am to Merit,	Lieut- 11. S.M.
Chear and pleasant: Baromeler steasy. Ligi	It-breeze from S's.
U-9.30 mustues at quarters; about - without leave: P. Dou	gherry (Pot- W. Carmote
(Vot), Manchey (6/4), /x. Delin (Sea) J. D. Cleary (Ox	1. The Summers
Court - met at 10. and adjourned at 11. or The cases considered were	there of Palk Denver de
and U. C. Durand (Los). The Keel batten of our steam culle	- which has blow not
by the Pensacola since Movbr 26th was found to have been bar	My rilo loco! & Started line
for Sistilling. The Comog. Officer inflicted the following punishing	ents: Jas. A. Callan
for Sistilling. The Comog. Officer inflicted the following punishers (class) Disperspect to bondy. Officer - reduced to in class.	
211	1.7. Menton
Meris to 4 pm,	Lieut: U.S.M.
1. Olear fine weather. Light - breeze from	556 1-686. Con
fines (no Slingy (Dea) for five Says on breat & coalir by o	yder of bomog. Officer
I darnishes boat spars acros overhauling running rigging.	istilling.
11 1- 21	! Non Masne Full.
4 lo 8 pm	Longen U.S.M.
Olear and poleasant. Barometer steasy. Sariable	e light-briege Mustered
at quartus. Derver out elean hammocks:	
8 han 1- m.1	1 V. Hewter
o pom lo ma.	0. 1M. S.M.
Olear fine weather, Variable light briege.	Distilling of
W	
	. May Musin Tild.
Meris to 4 pm. Clear fine vorather. Light-breeze from a bired Ino Bliney (Bea) for five Says: on bread & coalie, by a Sarnisher boat space and overhauling punning rigging. It to 8 pm blear and pleasant: Barometer steady. Sariable at quarties: Server out dean hammocks: 8 pm to Mid. Blear fine weather, variable light breeze.	Ensignell. S.M.

LOG of the United States Steamer Essex , 3d Rate,

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				11 Eby &	718	3			30.0/	73	71	74		bem	eil cune	4	
2				.1	"	3			29.99	70	69	73		, .		4	-
3				16		3			29.99	70	69	72		be	ч	4	
4				N by E	nw.	3			29.99	69	68	71		4	4	3	
5				North-	North-	3			30.01	71	68	68		"	4	3	
6					4	3			30.0%	70	68	67		*		2	
7					*	3			30.03	69	68	67				2	
8				*		4			30.00	70	69	68	18	4	4	2	
9				MNW		4			30.04	73	72	68		"	4	4	-
10					*	3			30.02	74	74	71		d	"	2	-
11				WIM		2			30.00	73	76	71		и	4	2	
Noon.				SU	7125	2			30.02	76	75	72		4	4	2	
							-	-	-	1	130						

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.		, ,,
	Longitude by D. R.	0	, "
Position at Noon:	Latitude by observations of ⊙	0	, ,,
	Longitude by chronometer from Forenoon Observations of ©	0	, "
	(Latitude by	0	, "
Position at 8 a. m.	Longitude by	0	, "
	(Latitude by	0	, "
Position at 8 P. M.	Longitude by	0	. , "
Current during the			
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0	, "
	npass by Amplitude ⊙ observed at Sunset, "	0	, ,
Variation of the Cor	npass by Azimuth ⊙ observed at "		, "
Variation of the Cor	npass by Azimuth ⊙ observed at "	0	, "
Water expended dur	ing the preceding 24 hours,		o' 76 gallons.
	during the preceding 24 hours,	10	44 "
	hand fit for use at Noon,		630 "
Coal consumed duri	ng the preceding 24 hours,	/ to	ns /0/0 lbs.
Coal remaining on h	and at Noon,	80 .	. 1575 "

P. M.	SE by S	\$6	ż	30.03 76 75 74 ben cir.cum 3	+
2	38€	7	3	30.02 75- 73 74	
3	86	6116	3	30.02 74 73 74 " 3	
4	86 by 6	686	3	30.01 73 73 73 occh nint 0	
5	8648	36	3	30.01 71 70 71	1
6	6818	383	3	30.01 72 70 70 " 0	40
7	,		2	30.01 75.69 70 ac cure rins 2	-
8	12	,	2	30.0/77 70 70 . 2	
9	nnw	6716	3	30.00 78 70 69 3	
10	nelign	"	3	29.99 77 69 68 " cir cum 6	
11	n by E	718	3	29.99 78 69 65 " " 8	
Mid.	North-	"	3	29.91 78 69 68 9	

, 1890.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 am. Partially cloudy. Sentle-bruge from 116 x 1110. Ensign U.S.M. H. Reed in Vay Dept- 1/2/2 los beef, 1/2/2 los orgetables: & golfo bread. 8 am to Meris; Sient- 21. 8. 1. air pleasant weather Moderate to light breeze from M. Mustered af quarters and exercised at general quarters. The divisions reporter peady as follows: 1st Dis, 2 " 40 . 2 nd Div, 2 m. Havg, Div, 2 m 10 ac. 30 Dis 2 m 16 . Powder Div 4 m 20 sec; Engr. Div 2 m 05 sec. Marine Suns 2 m 30 mc. Pay Delot- 1 m 50 ac. Sugar. Disin or sec; The following men were absent without leave. P. Lougherty (Put). W. barmovy (Pot) & W= Linchey (bl), To. Delin (Sea), J. D. Cleary (OS), and Mich, Lear (B.M). Released To. a. Jones Pot) from confinement and restricted him to duly his from of confinement having expired. Distilling. Merit to 4 pm. . Chain with pain and thunder last hour. Light and gentle brezge from SE ENE and ESE. At-215 flagship mase signal 3918. Sent-liberty Sparty ashore. Rec's on board 150lb. Slamp black. William. 4 to 8 fm. Overcast; hen clearing. Sentle breege from ESE. Distilling. Onsign U.S.M. M. Ry Maste Hild. Spom to Mis. Cloudy. Clearing last-frank. Sentle briege from EMEXME. Ension U.S.M.

			Reading		WIND.				BAROMI	TER.	TEMI	PERAT	TURE.	State of	Forms of	Clear Oths.	he Sei
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
. M.				North-	North-	2			29.99	16	69	69		be	cuns minds	2	
2				718		3		133	29.99	400000	-			oc		0	
3				11.8		2			29.99	77	12	67		*,	*	0	
4				Ebyll	" "	2			29.99	76	69	68		te		1	
5				Sby 6	606	1			30.02	75	69	68		re	stratus	0	-
6				36 by 6	East-	2			30.03	.72	69	68		be	cum . nime		-
7				E by &	116	3			30.03	70	69	6.8		*	*	3	
8				E by M	"	3			30.03	71	69	68		*		4	-
9				111		2			30.02	71	70	68		и	4	5	-
0					*	2			30.02	72	71	69			,	6	
1				118	26	2			30.03	74	73	72			-	6	+
oon.						2			30.04	73	72	71		*		6	-

made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / //
Longitude by D. R.	0 / 1/
Latitude by observations of ⊙	0 / 11
	0 , "
	0 / //
	0 / "
	0 / //
Longitude by	· , "
	· / //
	0 / //
	0 / //
	• , ,,
	JSO gallons.
	1650 "
	u
	/ tons 9/6 lbs.
	/ tons 9/5 lbs. 79 " 660 "
	Latitude by D. R. Longitude by D. R. Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙ (Latitude by Longitude by Longitude by Longitude by ime, knots tenths per hour, setting to the mpass by Amplitude ⊙ observed at Sunrise, ship's head mpass by Amplitude ⊙ observed at Sunset, " mpass by Azimuth ⊙ observed at "

P. M.	1										
1	28 by &	S & by &	3	30.03	74	73	72	be	circum	6	4
2	* /	688	3	30.03	74	73	71			6	-
3		+	4	30.02	74	73	72			6	1
4	686	+	4	30.01	14	73	70	*		6	1
5	2176	Gast-	3	30.02	73	73	7/		cir cum	3	1
6	East-	*	3	30.02	73	72	70	,		3	4
7		*	3	30.02	74	71	70	"		3	4
8	The !		3	30.03	71	71	70	,		6	1
9	8118	•	2	30.02	76	71	70			6	-
10	116		3	30.02	74	7/	70	4		5.	1
11	n E by n		3	30.02	73	71	70			5	-
Mid.	. /		3	30.02	73	69	69	*		5	+

, U. S. Navy, , 1890.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mis. to 4 am. Clousy. Light-to gentle bringe from 4 to 8 am. Clear fine weather, light bring. 8 am to Meris.	
Cloudy Light - to gentle briege from	ne Horth:
	Timer Fluxalunar
4/08 am.	Lieut- U.S.M.
Clear fine weather, light breeg	E from 6. to gentle breege from
ME. Distilling.	100/00
	W. Koz Marn Feld.
8 am to Meris.	Graign U.S.K.
8 am to Meris. Partially cloudy & clearing Light and ge	Me breege from NEX SE. The following men
were absent from the ship without leave . Pat. Dougherly Pr	1) N. Catonosy (Pot) W. Linchey (67)
H. Delin (Dea), J. D. Bleary (OS), M. Lear (BM) place	ed private Pal: OBrien under sentingo
charge to await trial by Court Martial . Mate poline s	ignals at 945. balled all hands to
muster and published order from bomog. Officer conven	
and J. B. Loav, and also his sentences which were as of	olleros: B. Holan (Pot) 15 tays solitary
confirment in souble iron, on breas and water full re	tion corry 5 to Say and loss one mouth pay
amounting to thirteen bollars (8/3). J. B. Load (Pot) L	so of one half months pay amounting
to six bollars and fifty cents (\$6.50) and deprived of liberty	on shore for hire months Private's
Tatk. Dougherly and M. Carmody producent, on board ha	oina been absent from ship 9 says without
authority. Reduced them to 4th class for three mor	the \$2 monthly money and 12 days extra
duly. M. E. Sonderson (Boiler MKa) was reduced to 4	" class for there months and \$2 monthly
duly. H. E. Anderson (Boiler MKa) was reduced to 4 money for dis obstience of orders: Merls to 4 pm.	6 Missione
Merls to 4pm.	Groign U.S.M.
lear & pleasant. Sentle to mose rai	à briege from DE by E to ESE. Ut-
I oclock called all hands to muster and read find.	ingo and sentence of Dummary Court
Martial in the cases of a. E. Durant (Los) and	Tath. Druger (250). Cach was found
quilty of assenting himself from the ship routhout - le	ave on the Mounter and remaining
absent until the 30th Notor and Each was sentence	
that of Boy, and to lose three months pay amoun	
was approved and ordeped to be carried out; that - par	I pelating to loss of pay being referred to
The Decretary of the Mary. Ut-130 Stopped destilling and	F hauled fires: Total amount Six belles 2014.
The Brenedary of the Mary. At-1.30 stopper bistilling and mary ashore (611) pre surner about and was put un barty ashore.	noor sentry. charge. Dent a litery
	P . 2/ 0 2/
the cruis 2. B. Lovigar (box) returned on board 4 hor	2 0. 1- 1- 21: 0 . M.
11- Mostly cloudy. Tentle briege from Gas	1-6 mbo ted Ander Millien (dos) for
the crues 2. (D. Covegan (600) returned on board 4 hor	CM O.
8 land - W.	Ensign U.S.M.
8 form to Mis. blear ares pleasant: Private P. Sheelock time and was put in Souble prons to await action' liquor about.	ust- clatili
to said pleasant: Vreval? (4. Sherlock	I Pi- le atout tight 6 hours over
line and was put in couble pront to await action	of the Comeg. Officer for smuggling
juguet asours.	The Flukely
	Juga Hallahum.
	a. 1001. 0.01.

Examined and found to be correct.

LOG of the United States Steamer Cosses

Reading Courses Steered Direction by Standard S							1500	7000	-	1							-	
A. M. 1 North ME 2 30.02 72 69 68 b 21002 10 2 30.02 71 68 67 " 10 3 30.02 71 67 67 bc circum 8 4 3 30.02 70 67 67 " 8 6 MME 4 3 30.05 70 66 66 " 4 7 3 30.06 68 66 66 " 4 8 3 30.07 72 69 68 " 4 9 North 2 30.07 72 69 68 " 4 9 North 3 30.07 72 69 68 " 4 10 Earl 3 30.07 72 69 68 " 4 11 SE 3 30.06 74 73 70 " 10 10 10 10 10 10 10 10 10 10 10 10 10	1					WIND.				BAROME	ETER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea.
1 North ME 2 30.02 72 69 68 b 4600 2 10 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Hour,	Knots.	Tenths.	Patent			Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather,	Clouds, by	Prop. of Sky, in 1	State of t
2 30.02 71 68 67 " " 10 3 30.02 71 67 67 be circum 8 4 30.02 70 67 67 " 8 5 116 64 11 " 3 30.05 70 66 66 " 4 6 11 11 8 8 3 30.06 74 73 70 " 66 66 10 6 026- SE 3 30.06 74 73 70 " 65 65 65 65 65 65 65 65 65 65 65 65 65	A, M.				North-	116	2			30.02	72	69	68		6	none	10	
4 30.02 70 67 67 " 8 30.05 70 66 66 " 4 4 3 30.05 70 66 66 " 4 4 4 5 30.06 70 67 67 " 4 3 30.06 70 67 67 " 4 3 30.06 70 67 67 " 4 3 30.07 72 69 68 " 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2				4	+	2			1		1 1			4	4	10	
5 16 by 16 " 3 30.05 70 66 66 " 4 4 6 6 6 6 6 " 4 4 6 6 6 6 6 6	3						2			30.02	71	67	67		be	cir cum	8	
6 7 16 . 3 30.06 68 66 66 . 4 4 4 30.06 70 67 67 4 3 30.06 70 67 67 4 3 30.07 72 69 68 4 4 4 4 4 10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4				"		2			30.02	70	67	67		4	-	8	
10 Cast- SE 3 30.06 70 67 67 " " 3 10 Se 3 30.06 72 73 72 " 69 10 Se 3 30.06 72 73 72 " 69 11 SE 3 30.06 74 73 70 " 60 cam 6	5				and the same of th	4	3			30.05	70	66	66		,	4	4	
8	6				11 71 6		3			30.06	68	66	66		4	*	4	
9 North- 10 East- 11 SE 3 30.06 72 73 72 " " 6 2 30.06 72 73 72 " cir cum 6 2 30.06 74 73 70 " strator 6	7				4					30.06	70	67	67		4	4		
10 Cast- SE 3 30.06 72 73 72 · in cam 8 11 SE · 2 30.06 74 73 70 · strator 6	8					4	2			30.07	72	69	68		4		4	
11 SE , 2 30.06 74 73 70 " eix cum 6	9					,				30.07	73	72	70		+	"	District of the last	
11 \$6 ' 2 30.06 74 73 70 strator 6	10					36	-			30.06	72	73	72			eil cum		
Noon. 26 by 2 6 5 6 3 30.05 73 72 70 " " 6	11					9 0 0	-			30.06	74	73	70		*	stratos	6	-
	Noon.				26 og 8	636	3			30.05	73	72	70		1	,	6	

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	•	, "
	Longitude by D. R.	0	, ,,
Position at Noon:	Latitude by observations of ⊙	0	, ,
	Longitude by chronometer from Forenoon Observations of ⊙	0	, ,,
	(Latitude by	0	, ,,
Position at 8 a. m.	(Longitude by	•	, ,,
	(Latitude by	0	, "
Position at 8 P. M.	Longitude by	0	, "
Current during the			
	mpass by Amplitude ⊙ observed at Sunrise, ship's head	۰	, "
	mpass by Amplitude ⊙ observed at Sunset, "	0	, "
	mpass by Azimuth ⊙ observed at "	•	, "
	mpass by Azimuth ⊙ observed at "	0	, ,
	ring the preceding 24 hours,		340 gallons.
The state of the s	during the preceding 24 hours,		200 "
	hand fit for use at Noon,	1	2460 "
	ng the preceding 24 hours,		ns /445 lbs.
Coal remaining on h			"/455° "
Coar remaining on i	and at 1900,	18	7.900

P. M.											
1	56	86	3	30.06 7	4	73	70	be	cir cunc	4	
2		56 by 6	4	30.05 74	4	72	70	"	u	3	
3	,	, 1	4	30.04 74	4	72	70	*		3	
4	6,86		4	30.04 7	3	72	70	*		3	
5	,	East-	3	30.04 7	3	72	70	^	u	2	
6	\$6	,	3	30.04 7	1	71	70			2	
7	1		3	30.04 7	4	70	69	1	4	5	-
8	6116	Ebyn	3	30.04 7	1	70	68		cir of-	6	
9	16	- 1	2	30.04 76	6	70	67		ciral	6	
10	North-	"	2	30.03 7:	5-	69	70	4	4	8.	
11	nne	116	3	30.04 73					٧.	9	
Mid.	4	"	3	30.03 74						9	-
					1					1	

Sunday, December yth-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mis lo 4 am. Blear, bright - monlight: Light - breeze from ME. Licul-U.S.M. Two dans. Partially cloudy, pleasant: Light- and gentle briege from Mis. Al-Too flagship, made uniform signal as follows. Off 1. Meg 1. Doin 2. Recidine Pay Dept- for use of crew 103/4 lbs bref, 103/4 lbs vegetables x 83 lbs bread. 8 am to Merid. Gusign U.S. N. Blear and pleasant: Lenth to light - breeze from ME to & E. al. 9.30 the bomes officer inspected the ship with the crew at quarters. At 10. all hands were called to musting the Unticles for the better government of the Many were read out the crew were mustrees. Absenties . I. Delin (Sea); Mich. Lear (BM) J. D. Cleary (OS) 6. Miller (Barber), 6. Smith (Box) P. Bules (Sea), Theo: Hakerdy (Los) J. b. Robinson (J. borfol) and M. O. Pugly (Sea). Private R. Sheelock was released from confine ment and by order of the Coming. Officer was adjudged he following Spunishment for peticining from liberty drunk and overtime and for integaling liquor aboats: - 4th class I months; 2 monthly money 18 Says Estra duty altitust days. I Philian man - of evar came in anofired a salute of 4 gurs; the Uniquayan flag at the fore the salute bring returned by the forth; and a salute of 12 gund with the Unician flag at the fore which was peturned by the Vensacola with 10 guns; he bulian flag at the fore. Jong HAN Volyman Meris de 4pm. Bloudy but pleasant: Dentle do moderate breeze from SE do 5th right. John Marie 4 10 8 pm. Jair. Sentle breeze from East. I'm Linchey (618) was released Sment for leaving the ship without formission: - proceeding for class with \$2 monthly money and 14 nights anchor routeh. Jung Albolman Licul-21. S.M. from Ely 1 4 16. 8 pm to Mis. Lieut-U.S.M.

Examined and found to be correct

le K. Leursis Zuit , Navigator. LOG of the United States Steamer Essex

41-	Mons	1=00	deo	- 1	huon	Lay.
					1	1

F				Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of	Forms of	Clear oths.	he Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A	. M.				Morth by East.	NE	2			30.02	-3	67	65		be	an	7	
	2						2			30.02	-2	67	65		6	nonz	10	334
	3					"	2			30.00					6.		10	
	4				"	,	2			30.00	71	66	65		"	4	10	
	5				Mortily East	4	3			30.01	70	66	65		*	*	10	1
	6				nn6	1176	3			30.02					*	4	10	
	7				1	0	3			30.02					4	4	10	
	8				M. by W	North-	2			30.03	/	1			A	4	10	
	9				North-	nnn	1			30.02	/	/			be	cum	9	
	10				East-	MNH	1			30.04	75	76	7/				9	
	11				6-56	38	2			30.06					4		9	
N	oon.				686	88	2			30.06	-				,	4	9	
													1					

	Course and distance	made good since preceding noon by observation	8,	knots.	t	enths.
		(Latitude by D. R.		0	,	"
		Longitude by D. R.		0	,	"
	Position at Noon:	Latitude by observations of ⊙		0	,	"
		Longitude by chronometer from Forenoon Ol	bservations of ⊙	0	,	"
		(Latitude by		0	,	"
	Position at 8 a. m.	Longitude by		0	,	"
		(Latitude by		0	,	"
	Position at 8 P. M.	Longitude by		0	,	"
	Current during the t		ting to the			
-	Current during the ti			0	,	"
		npass by Amplitude ⊙ observed at Sunrise, ship	o s head	0	,	"
		pass by Amplitude ⊙ observed at Sunset,		0	,	"
		npass by Azimuth ⊙ observed at	"			
		apass by Azimuth ⊙ observed at	"	•	-	"
	Water expended duri	ng the preceding 24 hours,			332	gallons,
	Water	during the preceding 24 hours,				"
	Water remaining on	hand fit for use at Noon,			128	"
	Coal consumed durin	g the preceding 24 hours,		tons	1160	lbs.
23	Coal remaining on ha	and at Noon,		78 "	39.	5° "

P. M.					
1	East-	26	3	30.02 76 75 72	de cir cum 8
2	82 by &		2	30.00 76 75 71	4 4 5
3	282	6.56	2	29.99 75 75 71	" " 8
4	"	,	3	29.97 75 74 72	" " 8
5	Eby &	East-	3	29.94 75 73 71	" " 8
6	Eby n	,	3	29.94 74 72 70	" cum 9
7	East-	ENE	3	29.94 76 72 70	bem circum 9
8	1		3	29.94 79 73 71	be " 9
9	38,3	East-	3	29.94 78 73 72	" 8
10	Enst-	E116	4	29.94 78 73 72	le 20012/0
11	16 by 6	,	3	29.93 77 73 71	4 4 10
Mid.	118	26	3	29.93 77 71 72	10
				/ / / /	

Mid 10-4 am. Blear and pleasant: Bright- morelight. Light-brigg from 16. Barr. metre strady.

41-8 am. Lieut-ll. S. M. Hosam. Clear and pleasant. Sente briege from M. M.E. Reid on board for use of ever 108 /4 lbs. 2 ach of fresh brefand ve getables. and 87 lbs. bread. Al- flag. ship made opers signal. Signal. Grand and at 7.38 time signal. 468am. 8 am to Meris. Lieut-U.S.M. Blear warm and fole asand: Light - airs from MMW first - Low hours gentli briege from So last two. Leen engaged in scraping spars and breaking out for holo. at-10 a deal Court- Martial composed of the following members- Level- Ino. A. Rodgers USK, and b. R. burtis, USK, Caple M. C. Love zell USMb 12 Lieut-76. 6 Hainer, USM6, Ensign I. S. Chase U.SM. with-Ensign L. H. Burnage U. S.M. Judge abvocate, met on board for the trial of Patk. OBrien Pol: U.S.M.B. The Court-asjournes at 1.46 to await - action of convening authority. the mount Meris to 4pm.

Obright - and pleasant: Barome ter falling. Leath to light-bruge from SE. and ESE. O. Bules (SEa) returned 48 hrs: overtime.

17. Hilloton Lind II. S. M. Lieut-U.S.M. How & pm.

Bright and pleasant. Inthe brings from East to ENE. Thos:

Slaherly (Los) and Jas: B. Robinson (S. Corpl) Inchined from liberty 52

hours overline. 8 form. to Mid. Lieut-U.S.M. blear and pleasant: Gentle Lo mosepale breege from ME. and EME. Barom che strady. Mich Lear (BM) returned 4 Says 3 hours over time. Lieut-U.S.M.

Examined and found to be correct.

le. K. Leuri Laint- Navigator. LOG of the United States Stramer Essex

0		
111	m + . 1	7/
14/-	Montevideo	(Azuruay
11	1. with the recent	, congre
		(1 (1

			Name of		WIND.				BAROME	TER.	TEM	PERAT	TURE.			lear ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				N by E	N by E	3			29.92	75	7/	71		de	cir.cum	9	
2				Notth-	North-	3			29.90	75	71	71		4	1	9	
3				NbyH	"	3			29.90	75	70	70		4	4	9	-
4				1,1	"	3			29.90	74	69	69				9	
5				North-	4	3			29.88	74	69	69		"	cir	9	-
6				, , ,	North-	3			29.88	71	69	69		4	~	9	
7				May W	M by W	3			29.88	73	71	70		*	-	9	
8				Mill by W	111	3			29.88	74	73	72		*	4	9	
9				WEST-	nnw	3			29.88	76	76	73		,	-	6	
10				"		2			29.88	77	79	73				4	
11				27	*	1			29.87	78	8/	78	10		cir.cum	3	
Noon.				Way &	SSW.	2			29.86	78	80	79		4 .	4	4	

Course and distance made good since prec	eding noon by observations,		knots.	tenths.	
(Latitude by D. R.			0	, ,,	
Longitude by D. I			0	, , ,,	
Position at Noon: Latitude by observ			0	, "	
	nometer from Forenoon Observation	ons of ⊙	0	, ,,	
(Latitude by			0	, "	
Position at 8 a. m. Longitude by			0	, ,,	
(Latitude bu			0	, "	
Position at 8 P. M. Longitude by			0	, "	
Current during the time, knots	tenths per hour, setting to	the			
Variation of the Compass by Amplitude			•	, "	
Variation of the Compass by Amplitude			0	, ,,	
Variation of the Compass by Azimuth ⊙			0	, ,,	
Variation of the Compass by Azimuth ⊙			0	, ,,	
Water expended during the preceding 24				385 gallons.	
	ne preceding 24 hours,			u garana	
Water remaining on hand fit for use at N			1	7/43 "	
Coal consumed during the preceding 24 h			tons	400 lbs.	
Coal remaining on hand at Noon,	ours,			2/35 "	
Coar remaining on hand at 1400n,			11 -	700	

P. M.					,		
1	25	26	2	29.86 78 80 78	be	cum (6
2	\$ 6 by 6	,	2	29.87 78 79 77	"	cir.cum	6
3	28	683	2	29.86 79 79 77	*	"	8
4	"	"	2	29.86 79 79 76	4		8
5	"	East-	2	29.82 78 78 75	4		8
6	4	"	3	29.82 78 78 75	"	16	8
7	6118		3	29.82 79 77 74		121	7
8	688	676	3	29.82 79 77 74	"	ciz cum	6
9	East-	1	3	29.81 82 76 75	6	20112 /	0
10	"	"	4	29.80 81 76 75	"	4 /	0.
11	676	11	3-4	29.80 80 75 74	"	*. /	0
Mid.	"	4	3-4	29.80 80 74 73	be	circle;	7

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid 104 am.	
Clear line weather sentle breeze from Horth	- 1 / 0
	W. Ka Main tuld.
4/08am.	Enrion 1/ 8.11
blear and poleasant: Lentle breeze born Ho	1h-10-11 he 2%.
	THE SAME
Mid to 4 am. Blear fine weather gentle briege from North 4 to 8 am Blear and foleasant: Lentle briege from North 8 am to Merid. Bright- and warm Baroneles steady Merid.	Luit- U.S. 21
Bright- and warm Barome ler steady . M.	is light- and orain M. M.
9.30 mudered at quarters: absenter: To. Deline (SE	a) 1.9. Clean (08)
b. Smith-(box) b. J. Miller (Barber), W. O. Ough	Le Seal V. S. Choning Oil
Commenced scrafoing iron work outside ship. k	Sourt-met-al-10. adjourned
at 11 having finished the eases brought before their	It Reed on board 4 brass Know
The Commanding Officer Enflected the following Jourishmen	to: - 7. Punt (alb) Directors
and contradicting officer of the sick - he duced to 2"	Blass . B. Corripan (bod)
4 has overtime - Resucced to 2 nd blass; P. Bules / Sea	2) 48 hrs. V. S. Robinson Sky
52 hrs, Thos: Flaherly-(Los) 52 her overtime _ each per	
	1111.111.
Merid to 4 pm.	Lieut-U.S.M.
blear him weather light breeze for	m SE & ESE Emonged
Merid to 4 pm. Clear fine weather light-breeze for in scrabing won work on ship side Released (Sea) his Frim of confinement having rapined.	home confinement - V. Sliver
(Sea) his from of confirment having rapined.	1. 1. h C.
	W. Ka Maan fuld.
4/0-8 pm.	16 mian 71 2 21
blen and pleasant. Barometer eteate Lie	hi-to gentle breeze from
East. Servet out clean bago.	
	1.7. Milwolow
8 pm do Mid. Blear fine rozaher gentle do moderale	J.T. Meloton Lieut-U.S.M.
blear sine weather gentle to moderate	breez bom ENE.
	Miller Mast. Jill.
	or they the war d. S. M.

Examined and found to be correct.

le. K. Leursi. Zousu, Navigator.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				East-	116	4			29.80	79	73	72		b.e.l.	circum	8	
2				116	,	4			29.79	79	73	72			cun rimb	4	
3				88/1	SSW	4			29.82	78	72	71		b.c.l. 2.t.	7	2	
4				MW.	East-	1			29.81	79	72	72		, ,		4	
5				Mby 6	70 70 6	1			29.81	77	72	72		b.c.l.m.	4	3	
6				Doby 6	MNE	2			29.82	73	73	73		b.c.zu	"	2	
. 7				South-	South-	1			29.84	73	72	73		,	,	/	
8				286	ENE	1			29.84	73	74	73			4	/	
9				WEST-	WEST-	1			29.93	75	73	74		acpl.	Minel	0	-
10				De W	3871	2			29.90	72	71	72		o.c.p.	*	0	-
11				\$8.	36	3			29.85		/	72		be	cir.com		
Noon.					3,86	3			29.86	74	72	73		*	4	4	

Course and distance	e made good since preceding noon by observations,		knots.		tenths.
	(Latitude by D. R.		•	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		•	,	"
	Longitude by chronometer from Forenoon Obs	servations of ⊙	•	,	"
	(Latitude by		•	,	"
Position at 8 a. m.	Longitude by		•	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		۰	,	"
Current during the	time, knots tenths per hour, sett	ing to the			
Variation of the Co	ompass by Amplitude o observed at Sunrise, ship'	s head	0	,	"
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset,	"	•	,	"
Variation of the Co	empass by Azimuth ⊙ observed at	"	0	,	"
Variation of the Co	empass by Azimuth ⊙ observed at	"	•	,	"
Water expended du	ring the preceding 24 hours,			358	gallons.
Water	during the preceding 24 hours,				u
Water remaining on	n hand fit for use at Noon,			134	<i>j</i> - "
	ing the preceding 24 hours,		ton	8 4	400 lbs.
Coal remaining on l			77 "	177	- "

0.11								
P. M.	282	28	2	29.85 - 75 - 73 73	be	eir.cum	6	1
2	South-	East-	2	29.85-75-74 73	4		6	
3	688	"	2	29.85 76 75 74	*		7	
4	"	"	2	29.85-76 75 75		*	7	
5	886.	SE by &	2	29.86 78 75 75	4	4	9	
6	\$6	4	3	29.86 76 74 74	"		8	-
7	"	,	3	29.86 75 73 73			6	10
8	26	,	3	29.88 78 71 69	4	1	6	
9	26 by 6	E by &	3	29.91 79 71 70	bel	1	6	-
10	"	,	4	29.92 79 70 69			6	1
/11	"		4 -	29.93 77 70 69		4	4	
Mid.	686	686	4	2990 75 69 68	belr		3	1
								1

Mis Lo 4 am.	
Mit W 4 am. Cloudy with lightning. Raining Swind last two how briege from ME and SSW. to light-airs-from East Noisled in 4 to 8 am.,	no. Moderate
borege from ME and SM. to light - airs from East Noisted in	S/Eam Butter
	Chillowne
4108am, 62	wign U.S.M.
Sam do Menis. Sam do Menis. Opercast and painy the first two hours; there cleaning singages in scrabing listers on ships side. Than Barbey Ir. O. Ough Sea, V. S. Lyonin (Oiler) & J. D. Bleary (OS). prehumet 3 hrs. overline: Merit do Hom.	sing.
	17MMewlow
8 am do Merio.	Ell-21.8.11.
Correast and painy the first two hours; there dearing	g up. brew
Engaged in scrabing blisters on skips side. Hagshifo signalle	d 25 99 and
Lenetal 6028. Tix absentices: 12. Deline (Sea), C. V. Miller (Barber,	l. Smith (lox)
Tr. O. Pugh (Sea), V. S. Cronine (Oiler) x J. D. Cleary (OS).	R. A Wenty Pol)
refurmed 3 hors overfines.	0 / 01.
	a Mason Full.
Merit lo 4 den.	Jusian 7/8/11
Clear and pleasand: Light- breeze from SEx	aft. The following
men were brought on board: It. Deline Seal 7 Says over line	6. Miller Barter
4 Says - overtimer & Smith - 4 Says: overtime 7. O. Pugh (Sea)	4 Says overtime
Fladelilo mate sig. 2984. K. Jaked Eli (W. R. Sto.) about from Shilo without leave.	austone
4 for 6 hm.	nsion 1/8.M.
Clear ing weather centle brasse home SE by & V. C. Croning	(Bilen) refugues
And Pilete to have over times	1. 1.
1/12	Marin Tuld.
8 pm Jo-Mid.	Envian U.S.M.
Partially cloudy with - lightning Raining Past hour Louis	the and moderale
breeze from Ely S. I I'm	
Men vere brought on board: It. Deline Seal of Says overdime 4 Says overtime, L. Smith - 4 Says overtime, Jr. O. Pugh (Sea) Hafripmade sig. 2984 K. Sakuthi (M. R. St.) about from hip without leave. 4 to 8 pm. blear fine weather, gentle breeze from Seby S. V.J. Cronine from lituly books over time. N. Ra spm to Mid. Partially cloudy with lightning, Raining last hour. Sent	Colline
	Ensign U.S.M.

Examined and found to be correct.

le. K. Leur

			Reading		WIND,				BAROMI	ETER.	TEM	PERA'	TURE.	State of	Forms of	Clear Oths.	le Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				ES & S & S & G	686	3.5			29.94	72	69	68		lelg	cir cum	0-	
2				SE by 6	"	3-5			29.91	4				be Ity	drat-	4	
3				"		3-5			29.90	71	67	67		ocatla	cum nin	10	
4				686	u	1-5			29.93	71	66	66		"	4	0	
5				. "	•	3-6			29.94	70	65	-64		4	4	0	-
6				86		3			29.98	68	63	-65		oerl	4	0	
7						3			29.97					ocr	4	0	
8				East-	6116	1			29.95	68	63	63		oerlt		0	
9				4		2			30.00					4	nimb	0	
10						3			30.02					4	-	0	
11				EME East-	4	3			29.99					*	-	0	
Noon.				East-		3			29.98	64	61	62		*	-	0	
									-								

Course and distance	e made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ⊙	0	,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"	
	(Latitude by	0	,	"	
Position at 8 a. m.	Longitude by	0	,	"	
	(Latitude by	•	,	"	
Position at 8 P. M.	Longitude by	0	,	"	
Current during the	time, knots tenths per hour, setting to the				
Variation of the Co	ompass by Amplitude observed at Sunrise, ship's head	•	,	"	
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset, "	0	,	"	
Variation of the Co	ompass by Azimuth ⊙ observed at "	•	,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at "	•	,	"	
Water expended du	ring the preceding 24 hours,		34	P gallons.	
	illed during the preceding 24 hours,		50	F "	
	n hand fit for use at Noon,	/	060	"	
Coal consumed duri	ing the preceding 24 hours,			o lbs.	
Coal remaining on	hand at Noon,	77 "			
		11			

P. M.		,					
1	E by D	Gast-	3-4	29.94 66 61 62	ockg	nimb	0
2	East-	4	3-4	29.85-67 61 60	4		0
3	,	u	3-4	29.85-67 62 61	oca,	4	0
4	86	26 by &	3-4	29.85-67 62 62	"		0
5	686	383	3-4	29.84-67 63 62			0
6			3-4	29.8467 63 62			0
7	28€		2-4	29.87 69 64 63		,	0
8		"	2-4	29.89 70 65 64	ocz	4	0
9		86	2-4	29.92 74 65 64	ocza		0
10	"	"	2-4	29.95-7464 63	"		0
11	86 by 6	4	2-4	29.97 73 64 63.		4	0
Mid.	"	686	2-4	29.9772 63 62	ocm		0

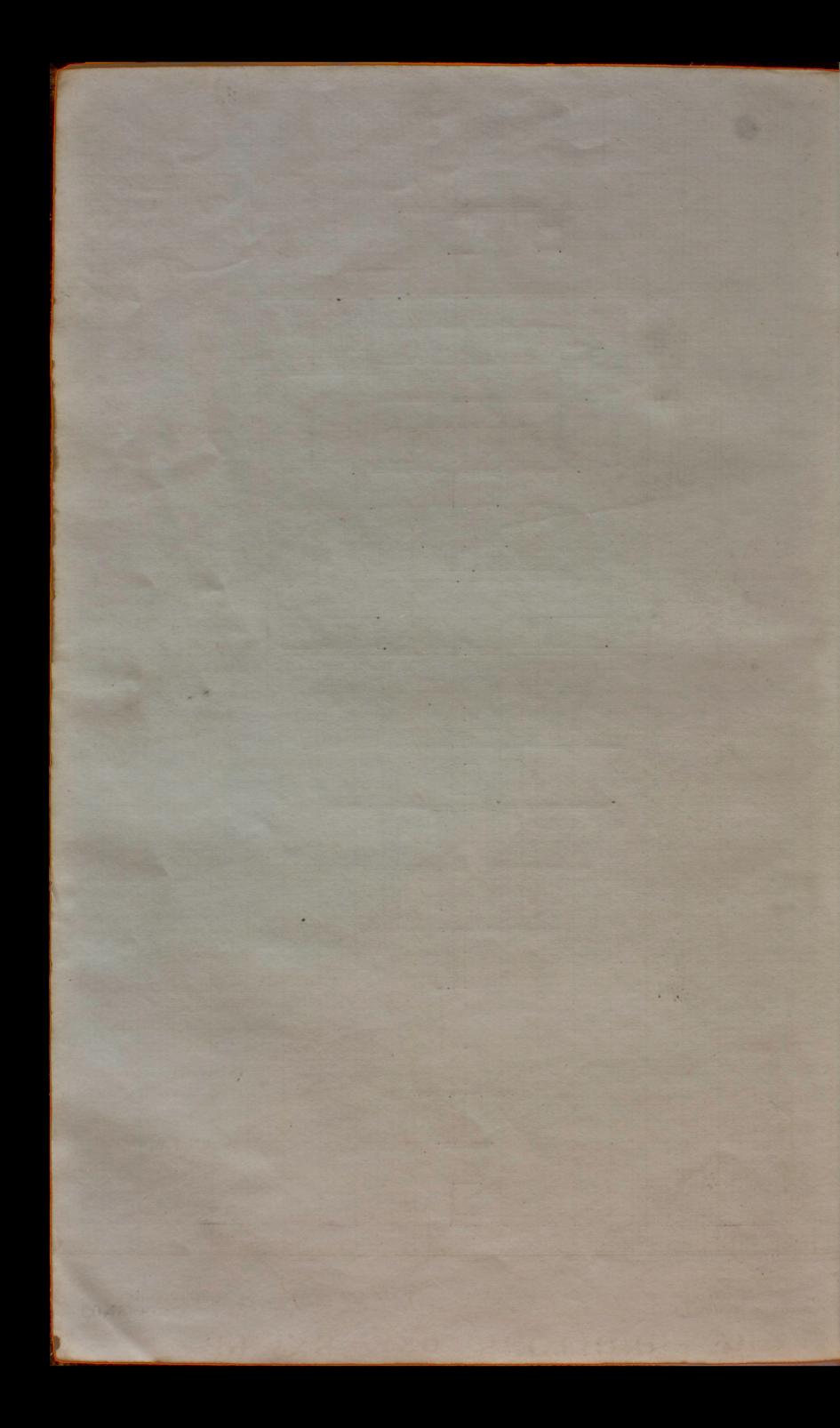
, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Med to the art. Cloudy. Stiff squally from ESE abating in fragariney trivaise and fronthe Sicio lightning and heavy thinder Running latter land of watch. Juga Miller and to to said in Soll. The same. Donacast cloudy, ainy with thinder and lightning. Stiff equals to lightning as internals. We flag Matter Fill. Authority Mend to 4pm. The following stores were precived in Engr. Department: "a soil out later. The light of later. The later. I get the soil of later. The light of later. I soil out later. The later of galler saveril, when internals. Societilisms were glasses. I cour browns, I fall heartles, the form property. Jung Sold how, it is friendly before the form of the frage with more were about the form of the frage with more were about the said from Sold of the later. Sport to Mid. Sport to Mid. Ourseast and saining until Mor Light bought with more were about the said from Sold of the later. Sport to Mid. Ourseast and Sold. Special Midway. Licel I. M.	Mid 1= 4 a.m.	
Destroll - Mend to 4 pm. Destroll - Mend to 4 pm. The following stores were received in Engr. Department: General: foreign distilling at the could be soil out lever: I be lived to so the soil of the parking to the fallow, so galls: earnil, something of the Cast. The following stores were precioned in Engr. Department: Grant Could to me Cast. The soil soil form Cast. She for the first string gular files to write; I wanted to the cast. The friends: Is fort from: fifth hearther; the air pump orders from the soil to the summer of the first to more that the soil of the soil o	blondy. Stiff squalls from & & E, abatis	ig in frequency towards and
Destroll - Mend to 4 pm. Destroll - Mend to 4 pm. The following stores were received in Engr. Department: General: foreign distilling at the could be soil out lever: I be lived to so the soil of the parking to the fallow, so galls: earnil, something of the Cast. The following stores were precioned in Engr. Department: Grant Could to me Cast. The soil soil form Cast. She for the first string gular files to write; I wanted to the cast. The friends: Is fort from: fifth hearther; the air pump orders from the soil to the summer of the first to more that the soil of the soil o	of watch. Fivis lightning and heavy thunder. Raining latter	bard of watch.
Destroll - Mend to 4 pm. Destroll - Mend to 4 pm. The following stores were received in Engr. Department: General: foreign distilling at the could be soil out lever: I be lived to so the soil of the parking to the fallow, so galls: earnil, something of the Cast. The following stores were precioned in Engr. Department: Grant Could to me Cast. The soil soil form Cast. She for the first string gular files to write; I wanted to the cast. The friends: Is fort from: fifth hearther; the air pump orders from the soil to the summer of the first to more that the soil of the soil o		Tuige Lib Holman
Destroll - Mend to 4 pm. Destroll - Mend to 4 pm. The following stores were received in Engr. Department: General: foreign distilling at the could be soil out lever: I be lived to so the soil of the parking to the fallow, so galls: earnil, something of the Cast. The following stores were precioned in Engr. Department: Grant Could to me Cast. The soil soil form Cast. She for the first string gular files to write; I wanted to the cast. The friends: Is fort from: fifth hearther; the air pump orders from the soil to the summer of the first to more that the soil of the soil o	4 to 8 am.	Land-U.S.M.
Destroll Mend to 4 pm. The following stores were received in Engr. Department: Jegets Began Sixtelling at the court for distribution of the court of the continuous of the court of the continuous of the first fraction of the continuous of the co	, Overcast, cloudy, zainy with - thunder and ligh	Uning. Stiff equalls. to light-
Destrill Mend to 4 pm. The following stores were received in Engr. Department: Jeth Began Sixtelling at the garding to the tallow, 10 galls rawil, could read the English of the form Early to like cotton raiking, 12 bath mike; stringular files to water; mind Distillings, and for first from Early pump value, first from Early first fricks; 16 fort brace; 12 file heartles; 4 air pump value, first to moderate brace in field. It I all on fish former man about the former former and about the former former fill to moderate brace of the moderate brace of the first friends about the former men well about the former man about the first friends with moderate the first friends.	airs from 686.	100 1 - 01:
Destrill Mend to 4 pm. The following stores were received in Engr. Department: Jeth Began Sixtelling at the garding to the tallow, 10 galls rawil, could read the English of the form Early to like cotton raiking, 12 bath mike; stringular files to water; mind Distillings, and for first from Early pump value, first from Early first fricks; 16 fort brace; 12 file heartles; 4 air pump value, first to moderate brace in field. It I all on fish former man about the former former and about the former former fill to moderate brace of the moderate brace of the first friends about the former men well about the former man about the first friends with moderate the first friends.		W. Ky Mason Full.
Destroll Mend to 4 pm. The following stores were preceived in Enge. Department: "I get Began Similing at his order one boiling at his could be with out have: J. D. Cay Stone similing at his coller so store, 25 lbs. packing, 100 lbs. tallow, 10 galls canvil, coulds from East. It. Il. or live on the continuous of the sole of the		Consign U.S.M.
The following stores: were precioused in Engr. Department: "I gets Began Extelling at the Curstone of the sal soon, 20 the packing, 100 the tallow, 10 galls raw oil, Ensign It. S.M. To list cotton withing, 12 bath tricks: striangular files to mother and made: Distilling, quage glasses; to coir brooms; 12 file heartes; 4 air pump valve, Jing Schilling, Jing Schilling, in first bricks; 10 feet brase rot, 5 the brust wire, allow expoer, Jing Schilling, in, ight John drive. Spen to Med. Spen to Med. Overcast and raining until 11.00 Light breeze with moderate saints.		
The following stores: were received in Enga. Department: I get Began Estilling at the Custone of the Sale sound to the Custone Sielling to the tallow, 10 galls: raw oil, to suit from East. John Sold sound to the packing 100 lbs. tricks: striangular files: 12 with and made: Distilling. Juaga glasses: 12 coir brooms: 12 file heastes: 4 air pump valver, Jung to the tomore the sold the part of the file form of the bring sound to the sold to the file to moderate breeze the officer. Spen to Mid. Spen to Mid. Overcast and caining until 11.00 Light breeze with moderate sounds.	Deebr 11th Mers do-46 m.	eder our boiler for distilling
8 pm to Mid. Spin to Mid. Consign U.S. M. Soualls from SE and raining until 11.00 Light breeze with moderate	7	to with out leave: J.D. bleaus
8 pm to Mid. Spin to Mid. Consign U.S. M. Soualls from SE and raining until 11.00 Light breeze with moderate	to la	1-9.48 Began Sistelling at 1100
8 pm to Mid. Spin to Mid. Consign U.S. M. Soualls from SE and raining until 11.00 Light breeze with moderate	The following stores were received in Engr. Department:	Custone
8 pm to Mid. Spin to Mid. Consign U.S. M. Soualls from SE and raining until 11.00 Light breeze with moderate	to the sal late salle back - would the	6 min 2/ 8.71
8 pm to Mid. Spin to Mid. Consign U.S. M. Soualls from SE and raining until 11.00 Light breeze with moderate	Il the its fourthing, 100 ros fallow, 10 galls rand oil,	muslls: Low Earl.
8 pm to Mid. Spin to Mid. Consign U.S. M. Soualls from SE and raining until 11.00 Light breeze with moderate	o las collon weeking / bath bricks . I triangular files / 2 water	Internal : Sielilling
8 pm to Mid. Spin to Mid. Consign U.S. M. Soualls from SE and raining until 11.00 Light breeze with moderate	quaga glasses: 12 coir brooms: 12 file heustes: 4 air hump valves	- Qua Shi No
8 pm to Mid. Spin to Mid. Consign U.S. M. Soualls from SE and raining until 11.00 Light breeze with moderate	5- lie lieks photology of the	July Flore Manay
8 pm to Mid. Spin to Mid. Consign U.S. M. Soualls from SE and raining until 11.00 Light breeze with moderate	. In O	Ma-Li- Sandi basse
8 pm to Mid. Spin to Mid. Consign U.S. M. Soualls from SE and raining until 11.00 Light breeze with moderate	ver, Labore drier.	Mi moorpan orige
8 pm to Mid. Sourcast and raining until 11.00 Light briege with moderate squalls from So and ESE. Jugu Hilliam Lieut-U.S. M.		olowing men more aroun
8 pm to Mid. Dorreast and raining until 11.00 Light briege with moderate squalls from \$6 and 686. Jugo Histowan Lieut-U.S. M.		Bustan
squalls from \$6 and ESE. Squalls from \$6 and 686. Jugo Hillman Lieut-U.S. M.	Chan Li- Mil	Enjoy 1/8 W
squalls from \$6 and 686. Squalls from \$6. And 686. Jugo Hilliam Lieut-21. S. M.	Price of med.	Polla bour Minu Souls
Jungo Fill Solwan. Licid-U.S. M.	100 Las una tarning una 11.00 &	eyn orege win morepas.
Lieut-U.S. N.	squaus from Do and 606.	Quantitallo
Xieut-U.S.M.		July 1000 1000 000 000
		X1811

Examined and found to be correct.

La. K. Leurs. Zaint, Navigator.



, U. S. Navy, , 18 90 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 a.m. Cloudy. Stiff squalls from & & &, abating in y of watch. Fivis lightning and heavy thunder. Raining latter part of 4 to 8 am.	
bloudy. Stiff squalls from & & E, abating in y	requency towards and
of watch. Fivis lightning and heavy thunder . Raining latter Bart of	watch.
	Juige Styl Hohman
4 to 8 am.	Lieut-U.S.M.
Overcast cloudy, zainy with thunder and lightning.	Stiff squalle to light-
ans from 606.	Ra hot Fill
5 and 1-211-3	I'm much fur.
oum to minu.	1- 1- 1- 1- 1
Light to asulte house from Ell &. Stantad lies under	us hall a microals:
at 8.45. The following men were absent from his ships wor	thout leave: J.D. bleave
Ato 8 am. Over cast cloudy, rainy with hunder and lightning. airs from 636. 8 am So Merid. Over cast cloudy and raining with hunder and lightning. Light to gentle breeze from ENE. Started fires under or at 5.45 The following men were absent from hi ship wir (08) and 2. Lakutchi (M.R.Sto) Made pointing signals at 9.48 Merid to 4 pm.	Began Sistelling at 11.00
	1. Custone
Meris to 4 pm. Overcast: Lentle breege with moderate square shifting to SE at 3.45 at 2.20 bent sown top gallantin 4 to 8 pm.	Consign U.S.M.
Overcart Sentle breege with moderate square	lls. form East.
Shifting to S6 al. 3.45 Ul- 2.20 sent sown top gallantin	asto: Distilling.
	Jung Lobel Alman
The 8 pm.	Xieul: U.S.M.
over cast and cloudy, nainy last hour . Lentle to	modepati breege
Ho & pon. Over cast and cloudy, nainy last hour. Lendle to from & & &. U- 4.30 mustized at quarters - and his following J. D. Bleary (OS) and R. Jekutchi & bom Lo Mid	in men were absent
J. D. Oleary OD and K. SEKulche	Bustan
I han Lo Mid	Ensign I.S. M.
Corread and raining until 11.00 Light-	res as with moderale
squalls from So and 686.	
8 pm to Mid. Overcast and raining until 11.00 Light- of squalls from So and ESE.	Jungo HB Solman Lieut - 21. S. M.
	(1,000,000,000,000,000,000,000,000,000,0

Examined and found to be correct.

La. K. Leure Zaint, Navigator. LOG of the UNITED STATES Stramer Essex "
Al Montevideo, Unquay.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	Hear other.	ie Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Ely 8	88	3			29.96	72	64	63		oem	ninel	0	
2				86	4	3			29.94	172	64	63		oep.	4	0	
3				SE by 6		3			29.94	71	64	63	123	ocna	4	0	
4				*	4	3			29.94	72	65	-64		o'c	4	0	
5				& Edy 8	4	3			29.94	70	65	64		be	eir cum	8	1000
6				4		3			29.95	-69	66	64		bem	4	9	1
7				4	4	3	-		29.96	69	66	64	1	и		9	
8				, ,		3			29.96	70	67	64			4	8	
9				\$6	686	2			29.98	70	63	68		be	circum	4	
10				4	"	2			29.93	-71	63	68	130	*	4	4	
11						2			29.98	71	70	65	-	4	4	4	
Noon.				SE by & .	ч	2			29.98	71	70	65		"	•	5	

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / //
Longitude by D. R.	0 / "
Position at Noon: Latitude by observations of ⊙	0 , "
Longitude by chronometer from Forenoon Observations of ⊙	· / //
(Latitude by	0 / "
Position at 8 a. m. Longitude by	· / //
(Latitude by	• , ,
Position at 8 P. M. Longitude by	0 / //
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 , "
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	· , ,
Variation of the Compass by Azimuth ⊙ observed at "	0 , "
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Water expended during the preceding 24 hours,	JZ5 gallons.
Water Distilled during the preceding 24 hours,	/580 "
Water remaining on hand fit for use at Noon,	2325 "
Coal consumed during the preceding 24 hours,	/ tons 440 lbs.
Coal remaining on hand at Noon,	75 " 2/86" "
	*

P. M.					,			
1	11 E by &	& & E & &	1	29.99 12 70.65	be	cir off	6	
2	East-	4	1	29.99 7/ 70 66			8	
3	1116	686	2	29.98 71 70 66	6	none	10	-
4	East-	2.5	1	29.97 11 70 66		*		1
5	6 by M	28	2	29.95 71 70 65	4	"		-
6	26 by &	Gast-	2	29.95 71 70 65	*	4		-
7	E by M	6116	2	29.94 71 69 64	"	4	10	
. 8	"	1116	2	29.94 72 66 64	1		10	
9	00	2/5/5	2	29.95 69 66 63	be	cum		
10	25	118 by &	2	29.9469 66 63			9.	
11	811 6		2	29.9467 66 63	-		9	-
Mid.	East.	4	3	29.94 67 65 62			9	1

Mid 10-4 am	
Mid 10 4 am Weaker dousy mistig rainy a une frequent-more pale squalle : Distilling.	12ttled. Levelle breege from SE with-
progrent-moderale squalle: Distilling.	
14 /2 8 mess	The Hour
Made dress sign: as follows Off 16; Meg. 10; Il signals-6/4. Calles all hands and sent	Lieut-U.S.M.
made dress sigs: as follows Off. 16; Meg. 10:	Poon 15: At 7.30 - Prostilo mase
signals-614. Call & all hands - and sent.	up topgallant masto Recid in Pay
Dept-118 34 lbs. bref and vegetable. and 95	li. bread.
1	y Millone
8 am to Merio.	ESE. Ul-9.30 went-to- Feneral quarte
time of casting lows: 12 div 2.20; 2 2 Div 2.	40: 320 Die 1 13: Have Die 2 14. P C 9:
2.45. Engr Div 2.45. Marines - 1.25; Pay &	Elet: 1.05: Suga Dis 0 37: Polar to
J. D. Bleary (OS) and A. Jakutchi H. R.	Sto.). The Leneral Court - Martial for
Trial of Univala Cath. Objuen Ekc. hel	of a session aboard. The following
founishments were adjudged by the &	ommanding Officer: - R. a. Wenty-
(Pol-) 3 hours oversime - reduced la - 2no	blass: 1. Dilin (Sea) 7 Says: 6. V. Miller
(Barbe) 4 days- N. O. Pugh (Sea) 4 days- b. a (Oiler) 60 hours-over line - Each reduced	much (God) 4 Says and V. Y. Brown
Maris to 4 pm	Lieut-U. S. M.
Meis to 4 pm Chareast- and pleasant: Light Esterned on board.	- in - to light - breege from SE to
606. Distilling brew Engaged paintin	a ship outoide . A. Laketehi (M. R. Sto)
refurned on board.	77
4 6-8 ben.	Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M. Lieut-U.S.M.
H lo 8 pm. Blear and poleasant: Light b.	res from SE to MME. Engaged
in painting ship outsite.	
	Jung Tell Kolman
8 pm to Midnight	Ligut-U.S.M.
Q. L.M. Elsar and Jolsasans	- dight- briege from Mo by 6.
Distrilling.	atteri.
8 jon to Midnight. Dist-illing.	Lieut-U.S.N.

Examined and found to be correct.

le. C. leurs

LOG of the United States Stamer Essex", 3d Rate,

Montevideo, Uniquay

					WIND.				BAROME	TER	TEM	PERAT	TURE			F 5.	Soa.
			Reading	COURSES STEERED	1130.							-		State of the Weather,	Forms of Clouds, by	f Cle 10th	the ?
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, We Bulb.	Waterat Surface.	by symbols.	symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.														,			
1				nnE	nne	3			29.96	67	64	61		6	Him	10	
2					"	3			29.96	67	63	60		4		10	
3				North.	North-	2			29.96	/				4		10	
4				,	4	3			2996	/				*	*	10	
5					4	3			29.93					4	cir	9	
6						3			29.94	-/-				4	4	9	
7				N by 25		3			29.95					4	none	10	
8				n Why n	4	3			29.96						*	10	
9				752 75	125	2			29.96	69	67	63		be	eir	9	
10				SW	7537	2			29.97					4	cir.cum	9	
11				78W	4	2			29.98	•				4.	4	9	
Noon.	1			nus	"	2			29.97	72	72	68			4	9	
									111							1	

Course and distance	made good since preceding noon by observations,	knots.	te	nths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ⊙	0	,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
	(Latitude by	0	,	"
Position at 8 a. m.	Longitude by	0	,	"
	(Latitude by	0	,	"
Position at 8 P. M.	Longitude by	0	,	"
Current during the t	ime, knots tenths per hour, setting to the			
Variation of the Con	npass by Amplitude ⊙ observed at Sunrise, ship's head	0	,	"
Variation of the Con	npass by Amplitude ⊙ observed at Sunset, "	0	,	"
Variation of the Con	npass by Azimuth ⊙ observed at "	0	,	"
Variation of the Con	npass by Azimuth ⊙ observed at "	0	,	"
Water expended duri	ing the preceding 24 hours,		348	gallons.
Water Distill	during the preceding 24 hours,		738	u
	hand fit for use at Noon,	2	7/5	"
Coal consumed durin	g the preceding 24 hours,	/ tons	1/05	· lbs.
Coal remaining on ha	and at Noon,	74 "	1080	
		1		

P.M.								
1	n Wby 12	Strly h	2	29.97 73 72 68	ke	cum	7	l
2	4	0,	2	29.96 74 73 69		-	7	
3	20201-	4	2	29.96 74 74 68		cizeum	6	
4	*	W by &	2	29.96 74 74 69		4	3	
5	200		1	29.97 74 75 70		4	3	
6	mnn		1	29.96 75 75 69	4	4	4	
7	W871	nn	1	29.97 74 74 68	1000	4	4	
8	mnn	nnw	2	29.97 78 74 68	,		6	
9	226	North-	1	29.97 77 74 68	bel		8	
10	,	888	3	29.98 80 72 67			4	
_ 11	22	4	4	30.01 75 68 65	,		2	
Mid.	1	28	4-5	30.03 75 68 63	be		4	

, U. S. Navy, , 18 90.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid 15 4 am
Note and pleasant Barometer Stady Light to gentle bregge from
Note & and North Stopped to tilling and haules from
Ho & and North Stopped to tilling and haules from North: Reit wire buckinger
of Medical Store and in Engle I have cast iron filinger

& and to Merit,

Shower I & blear and pleasand: Light breeze from Net finch home it & that

shower I & blear and pleasand: Night breeze from Net finch home it & that

washi, routing the flagshipe numb to 1, the From flagship top and is to be lease

histing. Reid store in Cay and Engle Debti.

Werit to to pro.

Show of the Star and pleasand: Barometer steasy. Sight brigge from

to to & pro.

Show to Mid and hour.

Show to Mid hour at first but clouding one having and to Start St.

Show to Mid has a frist but clouding one having and to Start St.

Show to Mid have at first but clouding one having and to Start St.

Show to Mid have at first but clouding one having and to Start St.

All hard landing at endown what for sheller

Examined and found to be correct.

Lault, Navigator.

LOG of the United States Steamer Essex

			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				58	88	3.4			30.04	75	68	63		le	eum dr	4	
2				4		3-4			30.04	74	68	63		00	cum minu	60	
3						3-4			30.06	73	68	63		,		0	
4				"		3-4			30.06	73	67	62		be	cir com	2	
5				688	383	3			30.09	7/	67	61				2	
6				S& 64 6	8646	3			30.10		100			"	"	1	
7				4	88	2			30./2					oc		0	
8				38	4	3			30./3	69	67	61		4	4	0	
9				388	286	3			30./3	100000	-			be	4	5	
10				"	"	2			30./3	1				"	cir str	6-	
11					26	3			30./3		1			*	*	4	
Noon.				4	t.	3			30./3					*		2	
														-			

Course and distance made good since preceding noon by observations,	knots.		tenths.
(Latitude by D. R.	0	,	"
	0	,	"
Resident at Noon Langitude by D. R. Datitude by observations of ⊙	0	,	"
	0	,	"
Longitude by chronometer from Forenoon Observations of ⊙	0	,	
Position at 8 a. m. {	,		
(Longitude by	0	,	"
(Latitude by	0	,	"
Position at 8 P. M. Longitude by	•	,	"
Current during the time, knots tenths per hour, setting to the			
Variand of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0	,	"
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0	,	"
Variation of the Compass by Azimuth ⊙ observed at "	0	,	"
Variation of the Compass by Azimuth ⊙ observed at "	0	,	"
Water expended during the preceding 24 hours,		335	gallons.
Water during the preceding 24 hours,			u
Water remaining on hand fit for use at Noon,		2380	"
Coal consumed during the preceding 24 hours,	tor	1s 4	600 lbs.
Coal remaining on hand at Noon,	74 .	68	80 "

P. M.					1		
1	SE by S	\$6	3	30.14 71 69 63	de	circunc	4
2	, ,		3	30.15 71 68 63	-	1	4
3	26	4	3	30.15 7/ 68 62			4
4	4	"	3	30.15 71 67 62			4
5		686	3	30.15 7/ 67 62	4	cum.	5
6	"	East-	3	30.16 70 65-60	-	4	4
7	6118	"	3	30.16 70 64 59			4
8	Eby &	,	3	30.16 72 63 59	4		6
9	686		3	30.23 72 63 59	be		8
10	\$6	^	3	30.23 71 63 59	4		8
11		"	3	30.23 7/ 63 59			9
Mid.	"	"	3	30.23 69 63 59	6	None 1	0
1 11 11 11 11 11						1000	

, U. S. Navy,

Mid to 4 a.m. Overcast, their cleaning. Mosepale breege from W. 4 to 8 am. Cloudy and row . Sentle to light-breege from Colondy and row . Sentle to light-breege from corn. 1/8 /4 lbs- fresh beef, 1/8 /4 lbs- vegetables- and 95 lbs- bread in corn.	
Overcast- their clearing Moderate breeze from	86.
J las	Dh. F. Li
4/= 0 2 24	My Maen, July
florant for some first to light - board	2/89/1- 88 8 11
10 3/ 10 - 0 1 M 18 / 11 - Tactell or eight origing	P 9-1/2/ 1/200
118/4 los fresh ozeg 110/4 los vzgerades and yo los oread in	Jay 2 you for use of
erro.	
1 011	Votrollier
8 am 10 Merid.	Lieut-U.S. M.
Cloudy and pleasant. Light-to gentle breeze	from SSE and SE.
al-9.30, mustered at-quarter. Comog. Officer inspected &	ship and crew Thos:
D. Cleary (OS) was seclared a desertor from this dalz.	
Sam to Merid. Bloudy and pleasant. Light-to gentle breeze U-9.30 mustress at-quarters. Comog. Officer inspected a D. Cleary (OS) was sector from this date.	27 Hewber
Meris to 4 pm. Blear fine weather gentle breege from & barty ashore. 4 lo 8 fom. Bloudy and pleasant: Barometer steady. 686. ans &.	Sieul: 21. S.M.
man so tom.	19 8 1 1.1 1.
1 1- Olear fine wrainer gente breege from &	O. Vens leverty
party astror E.	A handi
10.7	in Musica Told.
410 8 pm.	Cusign U.S.M.
Cloudy and pleasant: Barometer straby.	Gentle breeze from
686. ans 6.	11
	17 Mullen
8 han La Mid	Signal-7/28 21
11 - 11 - 11 - 11 - 1	E 1
Spon do Mid. Lear fins weather, gentle-brege from	un O his List
	W. Ilog Magn / like.
	Gusign U. D.M.

LOG of the United States Stramer Essex

At- Montevideo, Uruguay.

								0	0								-
			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				\$&	East-	3			30.23	67	62	58		6	none	10	
2				6.86	4	2			30.22	1				4	4	10	
3			1	•	,	2			30.20	/				de	cir cum	9	
4				Mby &	216	2			30.20			1 1		4		9	
5				nne	4	2			30.20	65	-19	53	-	а	4	9	
6				4	u	2			30.20	65	-59	53		*	u	9	
7				116	4	3			30.20	65	-69	53	-	4	44	9	
8				4	"	3			3020	65	-6/	56		~	4	9	
9				SE by E	4	2			30.22	64	63	5.7	-	u	-	9	
10				*	"	2			30.22	60	66	60		-	-	9	
11					88	2			30.2/	66	67	6/		4	4	8	
Noon.				\$6	ч	3			30.20	66	66	61		4	*	8	
13000														-		-	-

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / //
Longitude by D. R.	· , ,
Position at Noon: Latitude by observations of ⊙	0 / "
Longitude by chronometer from Forenoon Observations of ⊙	0 / //
(Latitude by	0 , "
Position at 8 a. m. Longitude by	o , ,,
(Latitude by	0 , ,
Position at 8 P. M. Longitude by	0 / //
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	· , ,
Wariation of the Compass by Amplitude ⊙ observed at Sunset, "	o , ,
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Water expended during the preceding 24 hours,	340 gallons.
Water during the preceding 24 hours,	"
Water remaining on hand fit for use at Noon,	2040 "
Coal consumed during the preceding 24 hours,	tons 400 lbs.
Coal remaining on hand at Noon,	74 " 280 "

P. M.							
1	686	686	1	30.17 67 67 62	be	in di g	
2	E by S	,	3	30.15 69 67 62		cum 9	
3	68/6	,	3	30.12 68 67 62	"	" 9	
4	,		3	30.11 68 67 62	4	cir di 9	
5		•	3-14	30.10 67 66 62		. 9	
6	,	a	4	30.07 67 66 62	4	eir cum 9	
7	"		4	30.07 67 65 61		cir cum q	
8	East-	6116	4	30.07 68 65 61		. 9	
9	6N6	"	3-4	30.10 72 66 62	6	20n2 10	
10	2 by S	4	3-4	30.10 71 65 61		: 10	
11	1		3-4	30.09 69 64 60		" 10	
Mid.	ENE		3-5	30.03 68 63 59	•	" 10	

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid lo 4 am.	
Mid lo 4 am. Blear and John sant. Light and ge 4 lo 8 am	nelle breeges from Enst- and ME.
	Opprene
4 lo 8 am	Ensign U.S. M.
Blear and pleasant: Barometer ste	ady At. 7.30 the Pensacola got-
underway and hauled down the admirals flag	Tooist 28 the admirals flag on this
4 lo 8 am blear and poleasant: Barometer ster underway and hauted down the Admirals flag ship. Reed in Pay Defot 1/8 1/4 lbs: fref, 5/18 1/4 lb. 8 am to Merid. Blear fine weather, light briege for	orgetables, 95 lbs. Soread.
- 1- m . 1	J. T. Merly
8 am to Merid.	115 1 85 M.
8 am to Merid. Blear fine weather light briege for and Exercised 11 % & 3d Divs at great guns 2 m.	n 16 and Do. Mustered at quark
balled all hands to muster and read the S. b.	a was tolo. Voroler Der at Stations
Privata P. O'Brien USMb. to be deprived	I bleading
and to lose there's months pay amounting to Is	down Changes who have I the
punning crew: under oars: Released Pol-	O'Brism 18MB and asstart
Joseph Control	- , your - while je - mile
him to duch:	
him to duty:	W. Ry han Fuld.
Meris to 4 pm.	W. Ry han Fuld.
Meris to 4 pm. Slear and pleasant. Gentle br.	W. Ry han Fuld. Ensign U.S.M.
Meris to 4 pm. Stear and pleasant. Gentle br. small stores: Exercised Engineers division	W. Ry han Fuld. Ensign U.S.M. 2022 from SSE. served out- at small arms and 2 " butter
Meris to 4 pm. Stear and pleasant. Gentle br. small stores: Exercised Engineers division	W. Ry han Fuld. Ensign U.S.M. 2022 from SSE. served out- at small arms and 2 " butter
Meris to 4 pm. Stear and pleasant. Gentle br. small stores: Exercised Engineers division	W. Ry han Fuld. Ensign U.S.M. 2022 from SSE. served out- at small arms and 2 " butter
Meris to 4 pm. Stear and pleasant. Gentle br. small stores: Exercised Engineers division	W. Ry han Fuld. Ensign U.S.M. 2022 from SSE. served out- at small arms and 2 " butter
Meris to 4 pm. Stear and pleasant. Gentle br. small stores: Exercised Engineers division	W. Ry han Fuld. Ensign U.S.M. 2022 from SSE. served out- at small arms and 2 " butter
Meris to 4 pm. Stear and pleasant. Gentle br. small stores: Exercised Engineers division	W. Ry han Fuld. Ensign U.S.M. 2022 from SSE. served out- at small arms and 2 " butter
Meris to 4 pm. Stear and pleasant. Gentle br. small stores: Exercised Engineers division	W. Ry han Fuld. Ensign U.S.M. 2022 from SSE. served out- at small arms and 2 " butter
Meris to 4 pm. Stear and pleasant. Gentle br. small stores: Exercised Engineers division	W. Ry han Fuld. Ensign U.S.M. 2022 from SSE. served out- at small arms and 2 " butter
Meris to 4 pm. Stear and pleasant. Gentle br. small stores: Exercised Engineers division	M. R. Main Fuld. Ensign U.S.M. at small arms and 2 to buttor Ensign U.S.M. Ensign U.S.M. Ensign U.S.M. Lo frish brigg blowing in
Menis to 4 pm. Lear and pleasant. Gentle br. small stores: Exercised Engineers division at boats under oars: 4 to 8 pm. blear fine weather, mosepale bris 8 pm to Mid. blear and pleasant. Gentle squalls from EME.	W. Ry han Fuld. Ensign U.S.M. 2022 from SSE. served out- at small arms and 2 " butter

Examined and found to be correct.

Lo. K. leursi

								_/	/								
			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				6716	EME,	3-5			30.03	60	63	60		fg.	zione	10	
2				,	16 by 6	3-5			30.02	65	-61	38	133	"	-	10	
3				118	118	2-4			30.01	63	61	38	-	,		10	
4				nn6		3			30.01	64	60	18		be	cir di	9	
5				ME by M	ME by M	2-4			30.01	64	59	57		bene	cir cun	4	
6				*	4	2-4			30.00	64	61	19		,	"	4	
7			,	*	4	4			29.99	65	63	61		oc	none	0	
8				1116	•	4			29.99	65	65	63		bene	cir.cum	4/	
9				Mby 6	*	3			29.99					*		2	
10				E by &	North-	4			29.98					-	cum cir	3	
11				116 by 6	,,	4			29.90			-		be		3	
Noon.				06	ø6.	3			29.94	73	73	68		och	ninel	10	-
										-					-	-	1

Course and d	istance made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	۰ ,	"	
	Longitude by D. R.	0 ,	"	
Position at N	oon: Latitude by observations of ⊙	0 /	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0 /	"	
	(Latitude by	0 /	"	
Position at 8	a. m. (Longitude by	0 ,	"	
	(Latitude by	0 /	"	
Position at 8	P. M. Longitude by	0 /	"	
Current durin	ng the time, knots tenths per hour, setting to the			
Variation of	the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 ,	"	
Variation of	the Compass by Amplitude ⊙ observed at Sunset, "	0 ,	"	
Variation of	the Compass by Azimuth ⊙ observed at "	0 /	"	
Variation of	the Compass by Azimuth \odot observed at	0 ,	"	
Water expend	led during the preceding 24 hours,	33	8 gallons.	
Water	during the preceding 24 hours,		"	
Water remain	ing on hand fit for use at Noon,	170.	2 "	
Coal consume	d during the preceding 24 hours,	tons	2 " 255 lbs.	
Coal remainin	ng on hand at Noon,	73 "/2	265 "	

, M.	2 0	2 1		11/1-		,
1	South .	South-	4	29.96 70 66 65	ocpm	simb 0
2	"	*	3	29.96 69 65 64		. 0
3	256	538	3	29.96 68 65 64	•	* 0
4			3	29.95-68 66 65		. 0
5	118	118	1	29.91 67 66 65	*	. 0
6	North-	MME.	3	29.88 67 65-64	"	4 0
7	,	Morth.	1	29.87 70 64 63		cum mint o
8	nnw		3	29.87 72 64 63		. 0
9	125	MW	2	29.8471 65 63	ael	nine o
10	nnw.	nnw.	2	29.82 72 64 63	och	cir cum 8
11	"		2	29.81 76 64 63		. 8
Mid.	W. B. N.	W2st-	3	29.8/ 72 65-64	ock/-	. 8

Mid la 4 am.	
Mid to 4 am. Blear and pleasant: South breeze soith modera three hours from EME to ME by E. Lenthe breeze from 4 to 8 am. 1 200	tilo stiff squalls-find-
this hours from EME to ME by & . Gentle briege from	ME fall-hour. I
	Jing Fall Johnan
4 lo 8 am. 1 21 - 1 1 21 21	Viewt-U.S.M.
4 lo 8 am. Jennally fair. Mosz rate breeze from UEby.	MR. ha Ji
8 am 10 Merid.	Estion U.S.M.
Mostly cloudy. Lentle and moderate bre	offign as. M.
and Soy E. At- 9.30 Mustered at-quarters and exerce	ges from 16 by Moth,
Sent a boals crew and squat of marines. Link- 160	Puran in charge of
backy, on board the american Swhaler Sunbram	to but the vessel to
1	n M.
board from the Chilian man-of-war	to pay far swell visit
board from the Chilian man-of-war	108
	meione
7// / /	9 . 91 001
Meridian to 4 pm.	Ensign d.S.M.
Meridian to 4 pm. Overcast. Mossipal To gentle breege	Som Sto SSE.
Stady rain. Rumamoti Thutchi (A. R. Sts) vons.	Som 8/0 886. Vaischurged by reason
Strasy rain. Rumamoti Schutchi (A. R. Sto) vous- of order request: Boarding party returned for	Som Sto SSE. Sischarged by reason a fargue Sunbiami
Strasy rain. Rumamoti Ickutchi (A. R. Str) vons- of order request: Boarding party returned for Shaving established the authority of her master	Som Sto SSE. Sischarged by reason Largue Sunbani
Strasy rain. Rumamoti Ichatchi (A. R. Str) was a soon request. Boarding party returned for shaving established the authority of her master	Lom Sto S.E. Sischarged by reason Largue Sunbani Jung Hill tolyan
Meridian to 4 pm. Overcast: Moserate to gentle breeze Steady rain. Rumamote Teketchi (A.R. Sto) vous. of order request: Boarding party returned for having established the authority of her master 4 to 8 pm.	Lom Sto S.E. Sischarged by reason Largue Sunbani Jung Hill tolyan Lieut-U. S. M.
Strasy rain. Rumamoti Ichatchi (A. Str) was of order request: Boarding party returned for shaving established the authority of her master to 8 pm. 4 to 8 pm. Overcast: Cloudy & rainy. Cleaning	Som Sto S.E. Sischarged by reason Lieut-U.S.M. Lieut-U.S.M. Last-hour. Light-nie
Strasy rain. Rumamoti Ichatchi (A. Str) was of order request: Boarding party returned for shaving established the authority of her master to gentle bring for blearing for the Blearing for the Strains of the master to gentle bring form Mit to Moth:	last-hour Light- nie
To gentle briege from Mis to Moth:	Comstone Light nie
To gentle briege from Mis to Moth:	Comstone Light nie
lo gentle brige from Mis to Moth: 8 pm to Mid. Clearing. Light-briege from Mill	Commones Ensign U.S.M.
To gentle briege from Mis to White: 8 pm to Mid. Clearing Light-briege from Mill during last half hour to WSW and increase	Constrone Light- nie Ensign U.S.M. W. M. M. backing
To gentle briege from Micho Moth: 8 from to Mid. Clearing Light-briege from Mill during last-half hour to WSW and increased briefe. Lightning to the So Wid all the watch. I.B. M. S. Bramble came in x anchored SW.	Comstone Light nie Ensign U.S.M. Li MMW. backing ng in fores to gentle Thunser last hours
To gentle briege from Micho Moth: 8 from to Mid. Clearing Light-briege from Mill during last-half hour to WSW and increased briefe. Lightning to the So Wid all the watch. I.B. M. S. Bramble came in x anchored SW.	Comstone Light nie Ensign U.S.M. Li MMES. backing ng in fores to gentle Thunter last hours

Examined and found to be correct.

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	TURE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sc
A. M.				100	0 2.						,			1 10			
1				5511	DU	2			29.84	69	66	64		betl	otr. nine	16	
2				S by W		2			29.83	69	67	66	-	se.	ciroti	8	350
3				www	4	1			29.80	/	1			d	nous	10	
4			17340	WEST-	4	1			29.80		1			*	4	10	
5				"	WEST-	3			29.79					be	cir cun	. 8	
6				Wby &	. 4	3			29.79		11			4	4	8	
7				0.		4			29.79		/			4	4	8	
8				20 320	25825	3			29.80	68	67	65.		4	4	5	
9				4	4	2			29.80						4	5	
10				SW by W	*	2			29.80					*	4	8	
11				SW by S	SW	2			29.80							8	
Noon.				SSIN	5870	2			29.80						cir of	= 9	
																	-

Course and distance	made good since preceding noon by observa	tions,	knots.		tenths.
	Latitude by D. R.	,	0	,	"
	Longitude by D. R.		•	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon	Observations of ⊙	0	,	"
	(Latitude by		•	,	"
Position at 8 a. m.	Longitude by		0	,	"
	(Latitude by		۰	,	<i>ii</i> -
Position at 8 P. M.	Longitude by		- 0	1	"
Current during the	time, knots tenths per hour	, setting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise,	ship's head	0	,	"
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset,	"	•	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at	"	•	,	"
Variation of the Con	mpass by Azimuth O observed at	u	•	,	"
Vater expended dur	ring the preceding 24 hours,			129	gallons.
Vater	during the preceding 24 hours,			-	"
Vater remaining on	hand fit for use at Noon,		/.	373	"
Coal consumed duri	ng the preceding 24 hours,		tons	4	" 10 lbs.
Coal remaining on h	and at Noon,		73 "	860	5- "

P. M.							
1	South-	820	2	29.81 72 70 68	be	cum ofi	6
2		"	2	29.82 72 71 69	4	cir cum	6
3	W by &	W. SW	2	29.84 73 71 69	,,	"	6
4	21 180 Tr.	Bir.	2	29.87 73 71 69	"		6
5	nwby w.	balm	0	29.84 72 72 70	bene	*	6
6	./	*	0	29.84 72 73 70			6
7	nnn	north	1	29.84 71 72 68	bc		6
8	"	"	1	29.86 76 72 68	"	4	6
9	north-	"	1	29.85 75 72 69	"		9
10	"	1116	2	29.85-75-71 67		4	5
11	"	,	1	29.86 75 69 66		4.	0
Mid.	6116	"	1	29.36 7669 66		"	5-
Mid.	6/16	-	/	29.36 76 69 66			3

Bleat and bleasant Bright - Barlight - Light sing to She wild first how.

Light - bright aire from St.

Ho & am.

Clear and bleasant: Lenth's moderate frages from Mechani 18th.

Bred on boars in Ony Dept - 118 the fresh berfand orgetables and the bree.

Dept to the bree Dept - 118 the fresh berfand orgetables and the bree Dept to the St. No. 11. St.

Must zeed at quarters. At 9.45 had satt diene drill. Or gan painting spars:

Meris to the form.

Weris to the form.

Light braye from Sh. N. Sh. Danc regard from the St. Sh.

Latter for the st.

Latter for the sh.

Examined and found to be correct.

Le . K. leur har Land - Navigator.

LOG of the United States Stamer Essex , 3d Rate,

			Reading		WIND.				BAROME	ETER.	TEMP	PERAT	TURE.	State of	Forms of	Clear Oths.	ne Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Se
A. M.				26 by 8	MNE	2			29.85	-7/	69	66		be	cit.cum	6	
2					4	2			29.86	-70	69	65	-	4	4	4	
3				686	nnus	3			29.86	1				4		6	
4	-			26 by 6	Morth-	3			29.85					4	4	4	
5				Mby 6		3			29.88					4	*	3	
6				'.	*	2			29.89	67	66	61		4		3	10 Vil
7					50 1 410	2			29.93					4		4	
8				nnu	Mby W.	2			29.94	70	69	64		t	*	7	185
9				MW by n	WW by M	2			29.96	73	73	67			cir di	9	
10				new	nby W	2			29.95	76	76	69		bem	1	9	
11				1	M by W	2			29.96	/	/	, ,				9	
Noon.				Douth-	WEst-	2			29.96	/				bm	Zume	10	

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	o , ,
Longitude by D. R.	0 / 1/
Position at Noon: Latitude by observations of ⊙	o , ,,
Longitude by chronometer from Forenoon Observations of ⊙	· , ,,
(Latitude by	· , ,
Position at 8 a. m. (Longitude by	0 / //
(Latitude by	0 / //
Position at 8 P. M. Longitude by	0 / //
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 1 11
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 / //
Variation of the Compass by Azimuth ⊙ observed at "	0 / "
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Water expended during the preceding 24 hours,	JJ/ gallons.
Water Distilles during the preceding 24 hours,	//0 "
Water remaining on hand fit for use at Noon,	//57 "
Coal consumed during the preceding 24 hours,	tons /255 lbs.
Coal remaining on hand at Noon,	72 " /850 "

P. M.						
1	Sby W.	SW	2	29.95 79 79 74	lone	210n2 10
. 2	1,1	"	1	29.90 80 80 74	"	a 10
3	\$6		2	29.94 80 80 74	4	1 10
4	"		1	29.9481 80 74		1 10
5	Ebyll	nnw	2	29.94 83 80 73	,	, 10
6	3NE		2	29.94848373		4 10
7	n Elyn	"	2	29.98 85 82 73	11000	. 10
8		4	2	29.97 85 81 74		. 10
9		4	1	29.96 86 80 74	6	. 10
10			1	29.96 84 79 72		. 10
11	North-	"	1	29.96 84 79 72		. 10
Mid.	"		1	29.9682 73 70		" 10

Mid lot any	
Mid to 4 am. Blear and pleasant: Barometer steady. Light to breege from MME. MMEN and Moth: 4 to 5 am Stear and pleasant: Light to gentle breeze from it Started fires for distilling. Started fires. for distilling.	- genth
foreige from MME. MMW and North.	1
41-50024	Hewlow
Clear and poleasant: Light-to gentle breeze born it	Vand Il by W.
Starles fires for distilling.	RI
Jug Flit	Holman 2
8 10 Mines.	1.8.11.
8 lo Meris. Warm & foleasant: Hazy along horizon. Light - breeze &	for distant-
Deporce; discharged and exercised foots under ours and sail. Dailie	ng Launch
ready in 16 my gove St. Launch 4m 57 1st- butter 5 m 13, 2 m butter	ter 8 mg.
What boat 8 m/4, Sig 6 m 20. Stacked distiller at 11.00 The Outen En Metherlands anchored in the outer harbor. The bonney. Officer inflicted	- 11 - 11 m.
punishments viz. Mich Lear (B.M) 4 days shows overtime - reduced to	4 h class for
Jounishments: viz. Mich Lear (B.M) 4 days - shows overtiline - produce of to so 3 months; 15 Month by money. M. Rospig: us (Lds) Staiking transporm Boy watcher: from spm to Mis.	4 - Houight-
watcher from 8 pm % Mis.	2= "
Maris La 4 ben	1-21.8.N.
	u. cr. 2.1.
Bright and warm. Barometi Strady. Light bree	12 from
SW. an officer boarded the man of war Guren Emma "	The Mether
SW. An officer boarded the man- of war Guren Emma of lands: The visit- was a lugned. Shippord George Mi Grachy (List)	the Mether.
lands: The visit - was no turned. Shippord George M. Leachy (Los)	preial ser
lands: The visit - was no turned. Shippord George M. Leachy (Los)	preial ser
lands: The visit - was no turned. Shippord George M. Leachy (Los)	preial ser
lands: The visit - was no turned. Shippord George M. Leachy (Los)	preial ser
lands: The visit - was no turned. Shippord George M. Leachy (Los)	preial ser
lands: The visit - was no turned. Shippord George M. Leachy (Los)	preial ser
SW. An Officer boarded he man- of war "Queen Emma" of lands: The visit- was ar himsel. Shelford Grong: M. Grachy (List) or vice, inlistment to date from the 15th and rates him Motoporn So Light air from Motoles and foliasant. Bright mornlight. Barown Light air from MILU. 4 to 8 pm. Stram MILU. 4 to 8 pm. Stram bleasant: Light breeze from MM it. Recit grate bars for stram launch.	Special ser. Servard. Jen S. M. Eler strasy. Lun. -U.S. M. 2 se so:

Examined and found to be correct.

Laws , Navigator.

	Reading WIND. BAROMETER. TEMPERA								PERAT	URE.	State of	Forms of	Hear ths.	e Sea.			
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the S
A. M.				MME	nne.	3			29.96	82	7.5	- 64		1	none	10	
2						3			29.96		/	-				10	
3				North-	North-	3			29.96	79	73	68		-		10	
4					11 112.0	3			29.96	/	/			,		10	
5				M by W	nnw	3			30.02	/	/	-		bem	cirdi	8	-
6						3			30.03	/	/			" " " " " " " " " " " " " " " " " " "	4	8	
8				,	N by W	3			30.08	/	/			le	circum		
9				nnw	nhw	2			30.//	77	77	71		"	-	6	
10				N by W	West-	2			30./2	77	79	73		4	dr	6	
11				nnio	2 2 2 2	1			30./2	/	1 '				4	6	
Noon.				SW by &	&\$W	2			30.11	78	80	74		*	,	8	

Course and distance	made good since preceding noon by observation	is,	knots.	tenths.	
	(Latitude by D. R.		, 0	, ,,	
	Longitude by D. R.		0	, ,,	
Position at Noon:	Latitude by observations of ⊙		0	, ,,	
	Longitude by chronometer from Forenoon Ol	bservations of ⊙	•	, ,,	
	(Latitude by		0	, ,,	
Position at 8 a. m.	Longitude by		•	, ,,	
	(Latitude by		•	, ,,	
Position at 8 P. M.	Longitude by		•	, "	
Current during the t	time, knots tenths per hour, se	tting to the			
Variation of the Con	mpass by Amplitude o observed at Sunrise, shi	p's head	۰	, ,,	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,	"	۰	, ,,	
Variation of the Cor	mpass by Azimuth ⊙ observed at	«	0	, "	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0	, ,,	
Water expended dur	ring the preceding 24 hours,			335 gallons.	
Water Distil	U2 6 during the preceding 24 hours,			1184 "	
	hand fit for use at Noon,		-	2000 "	
Coal consumed during	ng the preceding 24 hours,		/ to	ns /0/0 lbs.	
Coal remaining on h	and at Noon,		7/ '	. 840 "	

Р. М.						
1	Str by S	\$\$W	2	30:10 78 80 74	de	circum 7
2	818	\$6	1	30.08 79 80 74	u	. 6
3		,	1	30.06 80 81 74		. 6
4		~ 1 0	/	30.05 81 82 75	*	. 6
5	Eby &	E by &	2	30.04 82 83 74		. 6
6	6M8	Gast-	3	30.03 80 79 74	4	. 8
7	"	6116	2	30.04 81 80 71	*	. 8
8	116	"	2	30.04 84 80 73		. 8
9	1116	116	2	30.08 84 79 73		. 8
10	"		3	30.10 84 79 72		. 8
11	4		3	30.10 83 78 7/		" 8
Mid.		,	3	30.10 80 76 72	-	. 8

Mis 15 4 am.	
Mis. 15 4 am. Blear fine weather Gentle briege from MM	E and North: Distilling
	Millio has gil
4 6 8 am.	Who man full
blear and pleasant: Lente breeze from MM	W. Hazy along horizon
Rec's 1/8 /4 los froh meat 1/8 /4 los orgetables and 95 lls	· breat in pay Dept : for
Rec's 1/8 /4 lbs- fresh meat- 1/8 /4 lbs- orgetables and 95 lls use of ever. I at sun pier dressed, ships with mark he Willand colors at the main. The Queen Emma Distilling.	as flago at half mast
Holland colors at the main. The Queen Emma	firing minute guns.
Distilling.	, , ,
	24730.1.1.
8 am to Misis. Bright-and sultry. Sight-briege from	Lieut-U. D. M.
B 1 - Sught and sultry. Dight breeze from	a MM Wand West.
Barometer strady. At 9.30 has fire quarters. Sist str 2" 20; 3d stram 6" 42. 1st, 2 Sur, 30 x Pons Divison m	tam 1.40; 2" Arean
2. 20; 3ª Arrani 6. 42. 15, 20m 30 x Cons. Divisor m	er given oral instruction
Toats of Survey condemned as unfil for use and preco	mimensed to be thenou
Board of Survey condemned as unfil for use and preco	apples - Ill brans .
M 1- 1- 1-1	J / Miller-
mono 10 1 m. 1: 1 - 1:11- in: 1 ~	85 Bl
Meris to 4-pm. Blear fine weather, light-ins from & Brazilian Transfort- Turus; came in and anchore called officially. Lot-up and overhauled sails. Distille 4 to 8 pm. Blear, and pleasant: Barometer stead	5 9 F - P - Land-
colles all in the sub out out to sail and anchore	o. The stagestens change
tanto officialis. So, up anto overnamico sauce. Descrito	WP hat Lin
4/2 8 hm	W. Ry / Naci- Jack
brigg from 6 by Sand Cast: Barometer steady	J. Light - to ornile
breege from 6 by Sand Gast:	
	1. Thurton
8 pm to Mis.	Lieut- U. S. M.
8 pm to Mis. Blear fine weather, gentle breege finn	ME. Distilling.
	W. Rachan Fuld.
	Consign U.S.M.

Examined and found to be correct.

Le, K, leur 2. -Land, Navigator.

							0	0								-	1000
			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.						130											
1				nnE	16	3			30.09	79	75	72		be	cir cun	.8	
2						3			30.09	76	74	71			4	8	
3				1266	•	2			30.09	75	72	70		4	eir di	9	
4			136 81	. /		2			30.08	74	71	69		4	-	7	
5				16	•	3			30.08	74	69	67		•	cir cun	is	1
6				MEbyn	*	3			30.09	71	70	68		bem	*	8	
7				116	•	3			30.10	73	71	68		"	-	7	
8				ME by M		3			30./2	76	73	69		be		8	
9				nn E	1116	3			30./2	76	76	71				8	
10						3			30.11	79	78	72		и		8	
11					"	2			30.12	79	83	73		"	и	8	
Noon.						3			30./2	79	82	74		,	4	8	
															-		

Course and distance	made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	. ,	"	
	Longitude by D. R.	0 . ,	"	
Position at Noon:	Latitude by observations of ⊙	0 ,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"	
	(Latitude by	0 /	"	
Position at 8 a. m.	Longitude by	0 ,	"	
	(Latitude by	0 ,	"	
Position at 8 P. M.	Longitude by	0 ,	"	
Current during the	time, knots tenths per hour, setting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 /	"	
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset, "	0 /	"	
Variation of the Con	mpass by Azimuth ⊙ observed at "	0 /	"	
Variation of the Cor	mpass by Azimuth ⊙ observed at "	0 /	"	
Water expended dur	ring the preceding 24 hours,		3 70 gallons.	
Water Distill	2 d during the preceding 24 hours,	12	30 "	
Water remaining on	hand fit for use at Noon,	28	60 "	
Coal consumed during	ng the preceding 24 hours,	/ tons	// 05 lbs.	
Coal remaining on h	and at Noon,	69 "		
		/		

P. M.								
1	2126	11%	3		30./2 82 83 76	be	cir cun	. 8
2	718		3		30./0 82 85 75	и	cir gum	6
3	E by S.	East-	3	*	30.08 82 84 76	"		3
4	\$ 8	2113	3		30.06 8/ 83 76	ben		2
5	East-	314	3		30.04 82 83 76		cir	2
6	"	"	3		30.03 82 85 77			2
7	ne	"	2		30.02 86 84 77	be	ciroli.	1
8	"		1		30.03 86 83 77	*		3
9	2116	"	2		30.04 86 82 74			2
10	"		2		30.05-86-80 74			5
11	North-		2		30.05-84 78 74	,	,	5
Mid	"		2		30.04 82 77 73			0

Mid to 4 am.

Die tilling.

Omerone

4 to 8 am

Clear and pleasant: Questile stray gentle breeze

from 11 & lear and pleasant: Questile stray gentle breeze

s am to Merid.

School foresal, jet and spenker. Quest betting.

Med Mant Fill.

Meist to 4pm

Mouly clear and pleasant: Sentle breeze from Est and Elle.

When Mouly clear and pleasant: Sentle breeze from East and Elle.

With 30 Moder holding and bules fore an official from the Baydine man of the sign of the strending of the sign of the strending of the sign of the strends independent of the sign of the strending of the strending Consign It S.M.

Span & Mes.

Centially cloudy. Light is and breeze from M. E. Mes man file.

Outstally cloudy. Light is and breeze from M. E. Program Coning at 1.S.M.

Examined and found to be correct.

Le . K. Leursis Zand - Navigator.

LOG of the United States Steamer Essex.

Al- Montevideo Uruguay.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.		Forms of	lear ths.	e Sea.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea	
A. M.				Norh-	MME	3			30.02	79	74	7/		be	cir cum	-8		The state of the s
2						3			29.99	To a second	1				-	8		
3				*	North-	3			29.97	1	1	1		*	4	8		
4				Gast.		3			29.96	1000	1	1		4	"	3		
5				118		3			29.90	1				4	. 4	2		
6				ME by M		3			29.96	1	/	1			*	1		
7				11 916	*	3			29.96	1	73	7/		ber		1		
8				Strbyt	MNUS.	2			29.96	1	74	72		be.	circum	1		
9						2			29.96	77	76	73		A		4	1	
10						2			29.96	77	1-1	74				5		
11			-	n wby n	West-	1-4			29.96		1	/				4	1	
Noon.			1311	WSW	WSW	2			29.98					be	cir of r	5		-
										1								-

Course and distance made good since preceding noon by observation	18,	knots.	tenths.
(Latitude by D. R.		0 ,	±"
Longitude by D. R.		0 ,	"
Position at Noon: Latitude by observations of ⊙		0 ,	"
Longitude by chronometer from Forenoon O	Observations of ⊙	0 ,	. "
(Latitude by		0 ,	"
Position at 8 a. m. Longitude by		10 /	"
(Latitude by		0 ,	"
Position at 8 P. M. Longitude by		0 /	"
Current during the time, knots tenths per hour, se	etting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise, shi	ip's head	0 ,	"
Variation of the Compass by Amplitude ⊙ observed at Sunset,	u	0 /	"
Variation of the Compass by Azimuth ⊙ observed at	ii .	0 . ,	"
Variation of the Compass by Azimuth ⊙ observed at	u	0 ,	"
Water expended during the preceding 24 hours,		33	Z gallons.
Water during the preceding 24 hours,			"
Water remaining on hand fit for use at Noon,		25 28	"
Coal consumed during the preceding 24 hours,		25 28 tons &	686 lbs.
Coal remaining on hand at Noon,		69 " /2	290 "

P. M.					,			1
1	8,820	\$8m	2	29.96 78 78 75	be	cir cum	2	
2	South-	South-	1-5-	30.02 78 76 73		com str		
3	Sby &	336		30.04 76 7/ 69	-		0	
4	SE by S			30.04 76 7/ 67				
5	,, 8	Lby \$	4-6	30.05 73 70 66	beg.		2	
6	•	, ,	4-6	30.05 70 69 64			2	1
7	SE ly E	86	4-6	30.07 70 68 63			2	
8	, 0	"		30.08 74 67 61			4	
9		26 by 6	4-6	30.09 76 66 60		cir eum	2	
10	38 - 38 4 6 38	38	3-6	30.10 76 66 60				
11	- 22 by &	28 by &	3-6	30.08 76 66 59			5	
Mid.	38	38	3-6	30.08 76 66 60			7	-
						1		1

Mis Lo 4 am blowing over. Sentli breeze from MME to 1	
Clousing over. Sentle breeze from MME to	North-
±8	Hora Flotolina
for use of crew. The Chilian gundoat came in and a lot) was transferred to this ship from U. S. S. Talleporoa. 8 am. to Merit.	Lieut: U.S.M.
blear weather gentle breeze from M. Receive	I fresh provisions-
for use of crew. The Chilian gundoal came in and a	whove & Stephen Barfors
Moth) was transferred to this ship from U. S. S. Tallesporoa.	. W. Raham Felt.
8 am. tr Meis.	Ensighe H.S.M.
Partially clowing, pleasant - Light to moterate bruges	from MAW. and West.
Released private). B. Molan from confirment his time has	ing Expores. Made an
Released private J. B. Holan from confirment his time has official call on the Chilian gainboat Admiral Synch. Instead also ship at 9.30 Chilian gainboat peturnes call.	reclèt ser at quartors
Dans also ship at 9.30 tilian gun boat redurnes call.	2 -
701	a, mone
Merit do 4 pm.	Onsign U.S.M.
Merit do 4 pm. Cloudy. Light-airs from & SI first-hour moderale breeze with fresh to slift squalls backing to Si a short rough harbor sea. Sent the steam launch whale boat to the percue of a capsiged sail boat.	afin hat gentle to
moderale breeze with fresh to stiff squalls backing to De	\$6. Baromster rising
Il short rough harbor sea. Dent the steam launch	in shore. Dent- lh &
Whals boat To the percue of a capsaged sail boat.	0 4.1/1
1, 1, -1	Jung FWHolman Liew- Il. S. M.
410.8 pm.	21 Eut. U. D. M.
4 10 8 pm. Mosly cloudy and cool. Moderate to fresh br to &6. blowing in squalls:	reger form \$6 by \$
to DG. Howing in squalls:	0001.
chanteman	W. Milone
of m 10 mid	11- fold 1- +11
soulli SE I SE LE P I - 18	in fresh to ship
Spm to Mid. Clearing. Moderate lo gentle breege over squalls from SE and SE by E. Rough harbores	C. Table
	Jange Kungaman
	True a.S.M.

LOG of the UNITED STATES Steamer Essex.

					WIND.				BAROME	TER	TEMP	FRAT	TIRE			4 4	Sea.
			Reading	COURSES STEERED	WIND.	-		0.						State of the Weather,	Forms of Clouds, by	f Cle	rthe ?
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force,	Heel.	Leeway	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, We Balb.	Water	by symbols.	symbols.	Prop. c Sky, in	State of the S
A. M.				\$8	S6.	4			30.07	74	65	- 60		be	cie am	2	
2						4			30.07					och	-	0	
3						4			30.06					-	cumotr	0	
4				86 by 8		4			30.06	71	65	59		00		0	
5				. 0'	,	3-4			30.10	69	64	59		ocd	umb	0	
6				\$6		3			30.11	68	64	39		1	cum. nim	60	
7					. 1 ~	3			30.12	67	64	59		bed	•	1	
8					Soby 8	3			30.14	67	64	39		be	-	1	-
9				866 S	56	3			30./3	69	65	59		"	cietan	23	
10					,	4			30.13	69	65	59		"		1	
11				86 by 6		3			30.14	69	65	54		1		3	1
Noon.	100			SE by S		3			30.14	68	65	09		"		2	
				1								-					

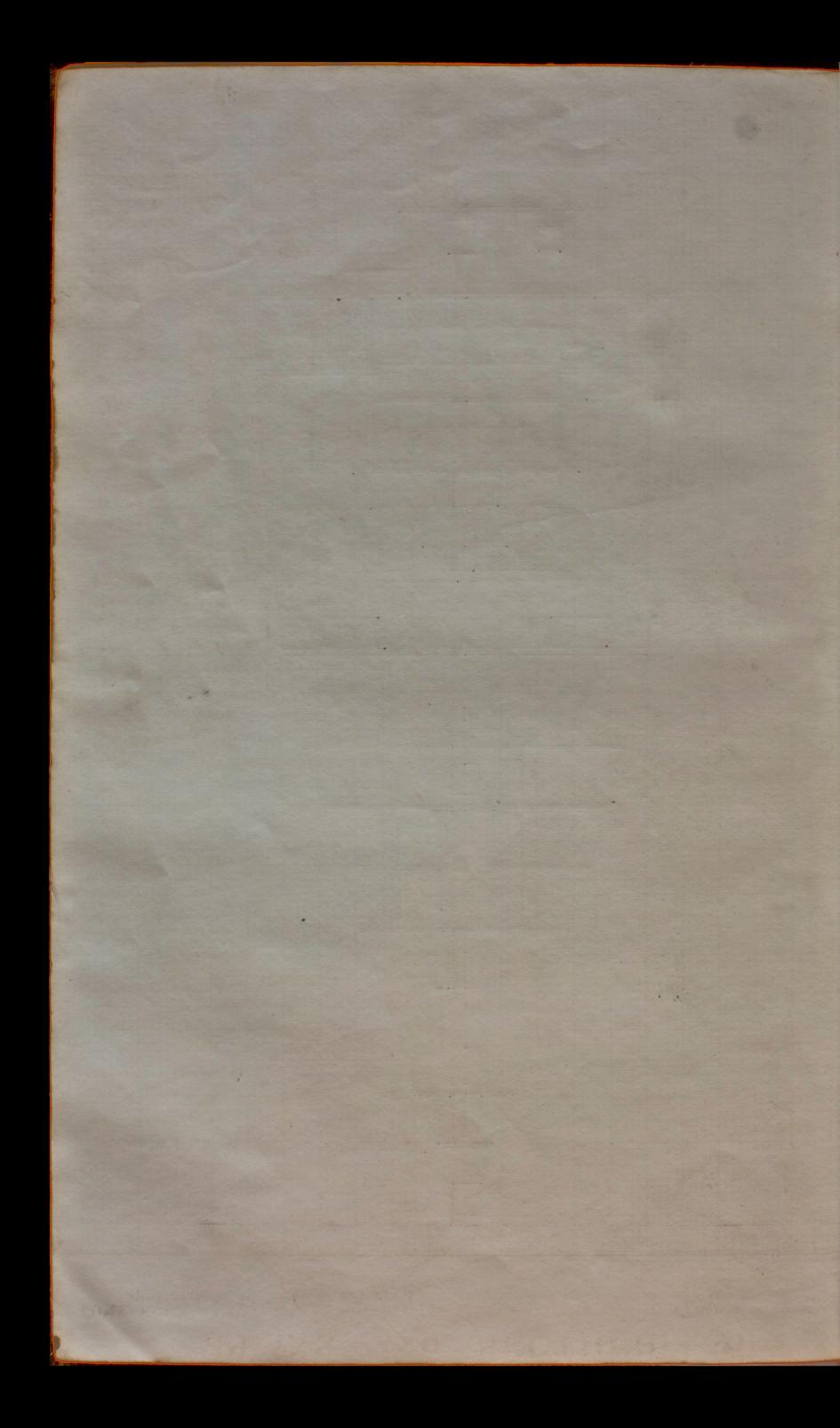
Course and distance	made good since preceding noon by observations	·	knots.		tenths.
	(Latitude by D. R.		0	-	"
	Longitude by D. R.		•	,	"
Position at Noon:	Latitude by observations of ⊙			,	"
	Longitude by chronometer from Forenoon Ob	servations of ⊙	0	,	"
	(Latitude by			,	"
Position at 8 a. m.	Longitude by		0	,	"
				,	
Position at 8 P. M.	Latitude by Longitude by			,	"
C. I. I. I. I.		ting to the			
Current during the			0	,	,,
Variation of the Co	mpass by Amplitude o observed at Sunrise, ship	o's head		-	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset,	"	۰	1	"
Variation of the Con	mpass by Azimuth ⊙ observed at	"	•	,	"
Variation of the Con	mpass by Azimuth ⊙ observed at	44	۰	,	"
Water expended du	ring the preceding 24 hours,			34	gallons.
Water	during the preceding 24 hours,				a
Water remaining on	hand fit for use at Noon,			2/8.	3 "
	ng the preceding 24 hours,		ton	8 40	00 lbs.
Coal remaining on h			69 "		
Coar remaining on t	Dairy av 2100th,		1	1	

P. M.		0 6			,		
1	\$6	56	3	30.13 69 65 59	de	cir cum o	
2			3	30.13 70 65 60	*	- 6	
3			3	30.12 70 65 59		. 6	
4			3	30.12 69 64 58		. /	
5		6,88	3	30.12 69 63 58	1	: /	
6			3	30.12 69 62 57	oe.	ofr. 0	
7			3	30.10 69 62 57		. 4	
8	686	*	3	30.11 69 62 57		" 4	
9			3	30.12 69 63 58		- 3	
10	Ely S		3	30.14 69 62 57		circum 4	
11	Elyn	East.	3	30.14 70 62 57		. 9	
Mid.	· East-		2	30.13 70 62 5-7		- 9	
						1	

Mis lo Ham forege from SE de occasional moterate squalls: Lightning to Hox Wid from 2 to 3 For her Sicul. M. S.M. I- paine during foist their The S. Executed morning Defot. 1183/4 lbs: vigitables 8 am to Merit. Quisione The Comog Officer inflicted the following punish Cusional S.M. ments: vig Q. J. Miller Lds) Leaving work he was orderes in & 6. At-9.30 junsteres to perform without permission, Organing that certain work sisnot a official crisis from belong to him sulky and slow in obeying roses - 6 night watches Jing Ill Holman from 8 to 12 Mis. Cath Doyer (Boy) Out of uniform; Disobedience Lizut- U.S.M. from SE. The Coming. of orders; throwing hammock into nettings, when told by hammock it stower not to so so - Reduced to 4 th class 2 months + 4 anchormath, captain of the port. a. O. Larsen (OS) Layy generally around the breksof thine Lieut. - 21. S. M. 4 anchor walkis; Ma Liggan OS | Not otopping clother Ul. 4.30 musteres aton line before it-hoio! so - 2 extra anchor watches: Jung Flerkolman 8 pm to Mid. Lieut-U.S. N. hours: First for Slight breeze from ESE to East Lieut- a. S. M.

Examined and found to be correct.

Lim Navigator.



, U. S. Navy, , 18 90 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Med to Ham!

Deread and cloudy, more and a few der occasionally, visible Morents

bergs from SE by securional motivate equalle: Lightning to Mile 20th from 26.5

How & are.

Doracast and cloudy, most of watch, with light paire during put their

leave: Nexthe to motivate brings from SE and SE by S. Executed moreing

orders, It was crossed top gallent yearder Red in By Dept. 1894 the orgetables

and fish hif and go the fresh bread.

Consould S.M.

Sometime and that divinional dull. Received an official crust from

Others of Mys. I allowed Lynch.

Whith to 4 from.

Officer of Mys. D. S. Cidner paid an official visit to disciplinal My Cambridge

Officer of Mys. D. S. Cidner paid an official visit to disciplinal My Cambridge

Officer paid an official visit to his captain of the bord.

4 to 8 from board sent official court to the captain of the bord.

Officer paid and an official visit to his captain of the bord.

Officer for Mid.

Slowery Sist - part; clear with bright morning to - lad for hours.

Sometimes at the standard bright bright proving to be the captain of the bord.

Sind J. S.M.

Leave: Sind Job Might bright from ESE to East.

Examined and found to be correct.

le. K. lustr Laur Navigator. LOG of the United States Stramer Essex, 3d Rate,

Wonderider Uruguay)

	Reading		Reading		WIND.					TER.	TEM	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				118	1/8	2			30./0	68	61	5%		·bc	in	8	
2					"	2			30.09	68	6/	57				9	
3				North.	NNE	2			30.08	66	61	37		1	none	10	
4				' , ,	"	2			30.07	65	60	57		"		10	
5				118 by &	116	3			30.06	64	57	33	2	bem	in ofr	9	
6				East-	4	3			30.08	62	58	54		4		9	
7		-		EbyS	*	3			30.09	62	39	16		2	*	9	
8				316		3		237	30.09	62	6/	57		de	*	9	
9				East-	6NE	3			30.09	63	62	57		6	none	10	
10				18		1			30.09	64	63	57				10	100
11				East-	688	3			30.07	65	65	60			*	10	
Noon.				686		3			30.06	66	65	60			"	10	

Course and distance	made good since preceding noon by observation	18,	knots.	tenths.	
	(Latitude by D. R.		o	, ,,	
	Longitude by D. R.		•	, ,,	
Position at Noon:	Latitude by observations of ⊙		۰	, ,,	
	Longitude by chronometer from Forenoon O	Descriptions of (2)	0	, ,,	
		osci vacions of o	0	, ,,	
Position at 8 a. m.	Latitude by		•	, ,,	
	(Longitude by		0	, ,,	
Position at 8 P. M.	Latitude by			, "	
	(Longitude by			, , ,	
Current during the	time, knots tenths per hour, se	etting to the			
Variation of the Con	mpass by Amplitude o observed at Sunrise, shi	ip's head	•	, ,,	
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset,	"	0	, ,,	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0	, ,,	
Variation of the Cor	npass by Azimuth ⊙ observed at	"		, ,,	
	ring the preceding 24 hours,			360 gallons.	
Water	during the preceding 24 hours,			"	
	hand fit for use at Noon,		10	723 "	
	ng the preceding 24 hours,		/ tone	5-55 lbs.	
			18 "	7.3.5 "	
Coal remaining on h	and at Noon,		00	/	

M. 1	Eby &	3&3	3	30.02 67 66 61	be	cir.cum	8
2	East-	"	3	29.99 67 66 61			
3	Ebys		3-4	29.97 69 67 62			8
4	383		4	29.96 68 67 62			7
5	East-	East-	4	29.95 69 67 63			8
6	E by &	Eby &	4	29.94 69 67 64		-	9
7	36	,	4-X-	29.92 68 6764	".	dr.	7
8	East-	East-	3	29.92 72 67 63	,	cum sfr	
9	118	ENE	2	29.93 74 68 63	8mg	none,	10
10	"	4	3	29.93 74 66 62	6	-	10
11	1	"	3	29.94 73 65 61			10
fid.	"	"	3	29.93 72 63 60	1		10

Merit to 4 am. Blear and pleasant; cool, bright - Anlight - Barometer steady, Light breeze from MME and MEO. Lieut-U.S. H. Glear and pleasant: Lentle-breege form ME. Juge Holdenon Lieut-U.S.M. 8 am to Meris
blear and pleasant: Sentle breege from EME to ESE. Inspecter at-quartris- and exercises all boats under vars: Merit to 4 pm. Spight- and pleasant. Barometer falling slowly Sintle to modered breeze from ESE. By orter of bomog. Officer S. Basfort (bt) was rated Engr. From Duter 22 to 1890.

J. Mewlen Lieut-U.S.M. 4 to 8 pm Pleasant: Moserale to gentle breeze from & to EME.

8 bm to Mis. 1. Lieus breeze from EME. At 10.25 Pensacola came in Signalled number.

M. Robrigeus (Los) and R. J. Miller (Los) dood extra watch from 8 to Mis.

Jenles sown Admirals flag and topolight. Pensacola hois tes same. Lieut-U.S.M. Sint-U.S. n.

Examined and found to be correct

le. K. lunin Lim Navigator.

LOG of the United States Stamer Essex "
Al- Montevideo, Unuquay

-					WIND.			0	DADOME	TED	TEM	DEDAT	TIPE			24	ea.
			Reading	COURSES STEERED	WIND.	-	1233		BAROME	TEK.	TEM			State of	Forms of Clouds, by	Cle	the
Honr.	Knots.	Tenths.	of Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	symbols.	Prop. of Clear Sky, in 10ths.	State of the Sec
A. M.				MNE	nne	3			29.92	7/	63	61		ba	circum	8	
2				*	4	3			29.90	70	63	61		4 .	4	8	
3			3335		u	3			29.90	69	63	6/		4	"	8	
4				N by E	11 by 8	3			29.90							8	
5				,	North-	3			29.91	1				bem		8	
6						3			29.89	67	64	62				8	
7				н		3			29.88	68	66	64		*	4	8	
8				,	717120	2			29.88						4	9	
9				South.	nw.	2			29.88					4	-	8	
10						2			29.88	71	71	67				8	
11					86	2			29.88	71	72	69				8	
Noon.				Stubytu	•	2			29.88	,	1	-		"	,	8	
									1	1							

Cours	se and distance	made good since preceding noon by observation	ons,	knots.	tenths.	
		(Latitude by D. R.		0	, ,,	
		Longitude by D. R.		0	, ,,	
Posit	ion at Noon:	Latitude by observations of ⊙		0	, ,,	
		Longitude by chronometer from Forenoon C	Observations of ⊙	0	, ,,	
		(Latitude by		0	, ,,	
Posit	ion at 8 a. m.	Longitude by		0	, ,,	
	nem move				, ,,	
Posit	ion at 8 P. M.	Latitude by Longitude by		0	, ,,	
Curre	ent during the t	time, knots tenths per hour, s	setting to the			
Varia	ation of the Cor	mpass by Amplitude o observed at Sunrise, sh	nip's head	•	, ,,	
Varia	ation of the Cor	npass by Amplitude ⊙ observed at Sunset,	"	0	, ,,	
Varia	ation of the Cor	npass by Azimuth ⊙ observed at	"	•	, ,,	
Varia	ation of the Cor	npass by Azimuth ⊙ observed at	u	0	, ,,	
Wate	r expended dur	ing the preceding 24 hours,			338 gallons.	
Wate	r	during the preceding 24 hours,			"	
Wate	er remaining on	hand fit for use at Noon,		/.	485 "	
		ng the preceding 24 hours,			400 lbs.	
	remaining on h			68 "	335 "	
Coar	remaining on i	and at 11000,		00		

P.M.							
1	\$\$70	South-	2	29.88 73 73 69	le nous	10	
2		"	1	29.86 78 73 70	4 4	10	
3	South-	,	1	29.85 73 72 69		10	
4	\$8 by &	886	2	29.55 73 73 70		10	
5	,,	26	2	29.84 74 74 70	a cir · cur	n 8	
6	SE East	686	2	29.84 74 74 71		8	
7	East-	ENE	2	29.84 73 73 69		8	
8	Ebyn	7116	2	29.85 74 72 69		8	
9		4	2	29.85-74 70 67	be "	8	
10			2	29.80 75 70 6-		8	
11	6116	6716	2	29.86 75 70 67		8	
Mid.	"	4	2	29.88 76 70 67		8	-
				. / / /			

Mis to 4 am	
blesse lie mealing asselle breeze	11918 10.10
green grande, gerrer wiege grown	IN Pink the
11/22	W. Mg In acro mad
4 to 8 am.	pasignell. S.M.
Pear and pleasant. Dente breege from M	orth to WM W. Misty
along horizon. Reed 118 94 los beef 118/4 los ver g 2 hables	- and gs lbs bread in
Mis to 4 am blear fine weather, gentle breege from the along horizon. Rec'd 118 3/4 lbs breege from the Defot: U.S.S. Pensacola Shipstir moorings. I along horizon and in and moored in inneral leads	Talian aunboat andrea
Thorana came in and moored in inner harbe	ov.
8 nou 1- 1/4-15	20. 13/-8 20
oum to man -11 -1 1- 1- 1- 1. 1.	1 x 1 cut : (1. 8). // (.
8 am bo Meris. Clear and pleasant barometre steasy, light - so Al-9.30 has quarties inspected bago. Absenting R. F. Dosge (Pot-).	verge from Mell and So.
Ul 9.30 has quarters inspected bags. Obsente, R. J. Dosge	(On Ma) & Thos Shirlos
(Sol-).	
	WT Newton
Merit for 4 pre.	5.0,21.871
Mexis to 4 pm. Clear finer weather light-airs to and 888. The Comogo Officer of the Halian Cor officially. Cipes down sent and wasch clother in a Legst. Sent-leberty party ashore. 4 pm to 8 pm. Clear and pleasant. Barometre still Ed. Mustized at quartero-same absention as in for	1. 11-1
- 888 At Crac file want light and to	light breeze from &.
and so to the comogo officer of the station for	Vella Trovana called
officially Super down serut and wasen clokes in	obedience to gent sig
12984. Dent-liverty party ashore.	1=05.1
	William Masin told.
4 bm to 8 bm.	Endian 7. S. M.
Class must pleasant - Barons for de	5 1ºt. 11- bases for
61, 711 1= 5 1= 1 = 1	ing Diggs bringe
Da Mustered as quartero- same absentico as in for	anoon.
0 / 1-701-	P. Mewton
8 fom to Mis. Elear ans pleasant, light-briege from	Licut- d. D.M.
blear and poleasant, light - breege from	MM6 4 6/16. 9
	W Rin Masia Tulk
	Episign U.S.M.
	molone a.x. /L.

LOG of the United States Steamer Essex"
Al- Montevideo Uruguay

Ī			37.73	Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea	
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sec	THE PERSON NAMED IN
-	A. M.				Horth-	116	1			29.90	74	70	67		lm	none	10		
	2				*	"	1			29.89	74	70	67		*	*	10		-
	3			318			1			29.89	74	69	67			4	10		-
	4						1			29.90	73	69	67				10	-	H
-	5				116	ME	2			29.90	72	68	66				10	-	-
	- ,6				16		2			29.92	72	68	66		bene	cir	9		
	7				16		1			29.94	71	69	67		*	4	9		-
	8				8848	•	1			29.94	7/	71	69				9	-	-
	9			1	Edys	886	1			29.96	73	73	71		,		9		-
	10				356	•	2			29.96	74	74	71		be	cir cum	7		-
	11				36	86	2			29.97	75	74	71	135			8		-
-	Noon.			,	E by N	"	2			29.97	75-	75.	72			-	8	1	-
1										- /								-	-

Course and distance	made good since preceding noon by observations,	knots. tenths.	
	(Latitude by D. R.	0 , "	
	Longitude by D. R.	· ("	
Position at Noon:	Latitude by observations of ⊙	0 / //	
	Longitude by chronometer from Forenoon Observations of ⊙	0 / "	
	(Latitude by	0 , "	
Position at 8 a. m.	Longitude by	· , ,	
	(Latitude by	0 , "	
Position at 8 P. M.	Longitude by	o , ,	
Current during the	time, knots tenths per hour, setting to the		
Variation of the Co	mpass by Amplitude o observed at Sunrise, ship's head	0 / 1/	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0 1 . "	
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 / //	
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 , , , ,	
Water expended dur	ring the preceding 24 hours,	365 gallons.	
Water	during the preceding 24 hours,	a	
Water remaining on	hand fit for use at Noon,	//20 "	
. Coal consumed duri	ng the preceding 24 hours,	tons 400 lbs.	
Coal remaining on l	and at Noon,	tons 400 lbs.	

2. M.	Eby &	6,86	3	29.98 76 75 71	le	circum	6
2		86	4	29.99 75-73 70	4		
3	S by E	4	3	29.98 73 71 68	4	4	
4	East-	688	3	29.98 73 70 69	4	4	6
5	Eby &	"	3	29.99 73 71 68	,		6
6	86	\$6	3	29.99 71 71 68		15	4
7	South-	South -	4	30.01 74 71 68	4		3
8	"	4	3	30.03 74 71 67	4		3
9	"	4	3	30.03 75 70 68			1
10	SE by &	288	2	30.04 75 71 67	ac	nimb	0
11	East-	nne	3	30.02 73 71 67	oed	4	0
Mid.	nn E	"	4	29.99 73 70 67	-	. "	0

, 1890 .

1160 to 4 am.	
Bright-moonlight - Light - airs from ME.	
Windlone	
4/08 am Ensign U.S.M.	
Topight - and pleasant - Barometer pising Light-breeze from HEx	MME.
Mewon	
8 am to Merid. S.M.	
blear fine weather light- breege from & & and & &. Q. F. Dorge	(ar my
absent with out - leave . Dressed ship inside with bunking . MA A ha	7.
M. Kay Millen The	ald
Mores to 4 pm. Jusign U.S.	2.
le de l'en and pleasant. Moderate and gentle breeges from ESE	and
DO. Haced Valk. Droyer in Soudle prous by order of Coming Officer.	
DO. Tlaced Valk. Droyer in Soude pour by order of boning Officer.	
4 pm to 8 pm.	8.N.
Most to Home. More than Description of Comments of Contract of Consignation of Some than the Marie of Special Services of Coming the Ser	8.H. 2.tk.
Louis vorather gentle breeze from ESE to S. Released Va. Droyer (Boy) from confinement by order of Coming Officer.	8.A. 8.A.
Droyer (Boy) from confinement by order of Comog Officer W. Ran Man The	ill
Droyer (Boy) from confinement by order of Comog Officer W. Ran Man The	ill
Droyer (Boy) from confinement by order of Comog Officer W. Ran Man The	ill
Droyer (Boy) from confinement- by order of Comog Officer N. Ray Masm The 8 fm to Mis. Insign U.S. Insign U.S. SSE and ME. Light-pain last- food hours:	8. M.
Droyer (Boy) from confinement- by order of Comog Officer N. Ray Masm The 8 fm to Mis. Insign U.S. Insign U.S. SSE and ME. Light-pain last- food hours:	8. M.
Droyer (Boy) from confinement by order of Comog Officer W. Ran Man The	8. M.

LOG of the United States Steamer Essex "
Al- Montevideo, Uruguay.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				MNE	MME.	3			29.99	74	71	67		oc	ninb-	0	
2				Morth-	North-	3	-		29.99	,				le e	4	0	
3		A.		rcorin.		3			29.99	/	/	67		"		3	
5					MNE	1			29.97	/	/	1		4	ofz.	1	
7				msm	SS &	1			29.99	71	71	68		*	cir cum	1	100
9				SSE SSE	986	1			30.00		/				u	8	
10						2			30.00	1	1	/		4	4	8	
Noon.						2 2			30.00	-	-	1		4	r	8	

Course and distance	made good since preceding noon by observation	15,	knots.	t	enths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of ⊙		0	,	"	
	Longitude by chronometer from Forenoon O	bservations of ⊙	0	,	"	
	(Latitude by		0	,	"	
Position at 8 a. m.	(Longitude by			,	"	
	(Latitude by		•	,	"	
Position at 8 P. M.	Longitude by			,	"	
Current during the		etting to the				
	ompass by Amplitude o observed at Sunrise, shi	ip's head	0	,	"	
	empass by Amplitude © observed at Sunset,	"	0	,	"	
	mpass by Azimuth ⊙ observed at	u	0	1.	"	
	mpass by Azimuth ⊙ observed at	"	0	,	"	
	ring the preceding 24 hours,			343	gallons.	
	during the preceding 24 hours,			125	•	
	n hand fit for use at Noon,			900	6 lbs.	
	ing the preceding 24 hours,		to	18 20/	6 lbs.	
Coal remaining on			67 .	. 160	1 "	
			/			

P. M.	26 by &	28	2	29.99 76 74 71	Le	circum	9
2	2861		2	29.98 76 74 71	*		
3			2	29.97 76 74 71	,		8
4	26 by 8		2	29.94 75-74 72			8
5	383	"	2	29.96 75 74 71	1		8
6	nEbyn	n Ebyn	2	29.93 77 75 70	1		8
7	North-	nne	2	29.92 78 75 71		100	6
8	nw	*	2	29.92 78 75 71	. "	-	6
9	Dough-	North-	1	29.92 79 75 71	bel		2
10	26	nw	1	29.92 79 76 70	och	*	0
11	South-		/	29.92 78 75 70	del.	1	4
Mid.	\$ &	28	3-4	29.93 77 73 69	begl		7

Mid to 4 am.	
Mid to 4 am. Gloudy. Sentle breege from MME to Morth. 4 to 8 am. jain we ather, light - airs from MME x SSE 8 am to Meris.	
	Qua Lutalman
4 to 8 am. +	Lieut- 11. S.M.
Fair we alher light - airs from MMEx SSE	. Received fresh branisin
	W. Ry Man Fild.
8 am to Meris.	Chrigon U.S.M.
Went- to general quarters at 9.30 Divisions pearly 1th, 2 = 20, 2	breeze from SSE.
Went to general quagties at 9.30 Divisions peaty : 1th, 2 = 20, 2	" 2.34; 3 = 2.58; Marg 2.20;
Power Div 2.32: Marine Quard, 1.50; Engr Divis; J. 45; Pay Defd- 1.01; as	of Surg. Dir 0.00. The following
men week absent with out leave . A. J. Dorge (On My), Es.M.	Misparcy (Painter) Jos- a.
Parsono (10 Singt-) Organ destilling al- 9.50. Jested mag	agine and guil cotton
locker flood cocks and life buoys found them to be in	a good working order
Power Div 2.32. Marine Quard. 1.50; Engr Divis; 3.45; Pay Deld- 1.01; as men were absent with out-leave: R. J. Dodge (On Mg), Es. M. Garsons (1º Singt) Began distilling at- 9.50. Tested mag locker flood cocks and life buoys; found them to be in Made politine signals at 9.45. Did tilling.	02
	(mosione
Merid so 4 pm. Clear and pleasant. Light-breege 1st and 2 nd Euttre out-for exercise under varo: Diotil 4 fm to 8 pm.	Ensign U.S.M.
tlear and pleasant. Light-breege	born SE. SENT- The
1st and 2 to butter out for Exercise under varo: Diotil	ling.
11///	Lieut-U. & M.
46m 40 8 bm	Lieut-U. S.M.
E - ME M. Olean and pleasant - Light - freeze from	2 86, 16 and 1116.
60.M - Migney (James) returned on board 12 Shour	o overtime.
	0
0 hors 1- M1.5	Downone of
Es.M = Niegney (Painter) peturnes on board 12 Show	Ensign H.S.M.
8 frm to Mis. Bloudy first part, hin dearing. Frequent	Ensign U.S.M.
ning in the SW and SE. Light- airs from South	In Sashes of heat light
ning in the SW and SE. Light-airs from South hours. Gentle freege with-moterate squalls from So	In Sashes of heat light
ning in the SW and SE. Light- airs from South	In Sashes of heat light

Examined and found to be correct.

Lin Navigator.

LOG of the United States Steamer Essex"
Al- Montevideo, Unuquay.

						-		_	/				-				-
			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Ser
A. M.				888	E116	3			29.94	7.5	- 7/	67		bel	cir cein	P	
2				626	4	3			29.93	74	69	1		4	"	8	
3				a	4	3			29.93	73	68	66			4	6	
4				- 1	*	3			29.94	/	1-	1		be	4	4	
5				Sby 6	886	4			29.93	73	69	67		4	4	3	
6				,		4			29.94	72	68	65		*	4	3	
7				886		4			29.92	72	69	63		*	*	8	
8				000		3			29.93	73	70	64		*	4	9	
9				Dby 6	Dby 6	3			30./3	72	70	64		4	R	9	
10	-	1		Ou .	la la	3			30,12	73	71	64		۲	4	8	
11				000		3			30./2	73	71	65		*	*	8	
Noon.				Day 6		3			30.12					4		9	
								-								-	

Course and distance	e made good since preceding noon by observation	ons,	knots.	tenths.	
	(Latitude by D. R.		. ,	"	
. 4.	Longitude by D. R.		0 ,	"	
Position at Noon:	Latitude by observations of ⊙		0 ,	"	
	Longitude by chronometer from Forenoon	Observations of ⊙	0 /	"	
	(Latitude by		0 ,	. "	
Position at 8 a. m.	Longitude by		0 ,	,,	
	(Latitude by		0 /	"	
Position at 8 P. M.	Longitude by		0 /	"	
Current during the		setting to the			
	ompass by Amplitude o observed at Sunrise, s		0. ,	"	
	ompass by Amplitude ⊙ observed at Sunset,	"	0 /	"	
	ompass by Azimuth ⊙ observed at	"	0 ,	,,	
	ompass by Azimuth ⊙ observed at	"	0 /	"	
	ring the preceding 24 hours,		j	32 gallons.	
	ll2 5 during the preceding 24 hours,		13	17 "	
-14	n hand fit for use at Noon,		1873	- "	
	ing the preceding 24 hours,		tons	/- " /725 lbs. /676 "	
Coal remaining on			15 "	1/4/- "	
			60 /	0/0	

P. M.	2.0	1			,		
1	Sby &	Sby E	3	30.11 75 71 66	b.	none	10
2	South-	"	3	30.12 75 72 65	be	cir di	5
3	337	South-	2	30./2 76 72 65	*		
4	37	2871	2	30.11 76 72 65	"	*	4
5	1/21-	8 W	2	30.10 74 72 65	1	4	
6	\$ \$ W \$ \$ E	\$\$W \$\$E	1	30.08 74 72 65			6 3
8	,	PAG	4	30.09 77 70 65			4
9			4	30.14 77 68 63			9
10			4	30.16 76 67 62		,	1
11	Sby &	*	4	30.17 73 66 62	*		9
Mid.	"		4	30.17 72 65 61			9

Mid to Ham.	
Lentle breeze from Ell & shifting to \$8.8 & last half	cloudy last two hours.
Gentle breeze from Elle shifting to 886 last half	I hour puffy fist two hours
Distilling.	101 /
116	John Miller
4/08 am. 21 -11 1-11/15-1- 5	10-1 Vicul-U.S.M.
The dit and so sin All I May in Phi 15	Sind over ge from SSG.
Stagongo made sig. Gg to night. South to.	serge f. a. Varsons- returns
on oower 27 nower overring. Der rung.	Marione
5 am to Meris.	Gusiger U. S. M.
thear and pleasant. Gentle byes	ge from Sty & at-9.10
Hagshifo made signal Len . 1017 and at-11.30 Den	2240. Essel signalled at-
9.45 Num 3; num 3; num 66. All ans rospes.	The Comog officer pair
an official visit- abound the Unopea Trovana	. Distilling .
	O + 18 11/1
m · / /- /	Getget Wholman
Hagshifo mase sig. Aff 16. Meg 10. Postin 15: 16. Thank on board 24 hours - overline. Dis tilling. Sam to Meris. Slear and pleasant. Lenthe bree Flagshifo mase signal sen 1017 and at 11.30 Sen. 9.45 Nam 3; num 3; num 66. All answered. an official visit-aboard the Anspea Provaria Merid to 45 m.	Gierel-21. S. M.
Marid to 4 pm. Pleasant waather partly cloudy .	Genet- 10 light - breeze from
Marid to 4 pm. Pleasant rozather party cloudy, of Bly & to & Str. Delivered on Continuous Service &	Level to light - breeze from entificate 122340, a groot sconduct
Mexid to 4 pm. Pleasant rozather party cloudy, & Sly & to & S.M. Delivered on Continuous - Service & bar, issued by Bureau of Mavigation to & S. M. S.	Secret To light - breeze from entificate 12340, a grow sconduct
Sly & fo & S.M. Deliveres on Continuous Service & bar, issued by Bureau of Mavigation to Es. M. S.	Perelle to light-breeze from entificate 122340, a groot sconduct vorence, (Oiler). Distilling
Sly & fo & S.M. Deliveres on Continuous Service & bar, issued by Bureau of Mavigation to Es. M. S.	Perelle to light-breeze from entificate 122340, a groot sconduct vorence, (Oiler). Distilling
Sly & fo & S.M. Delivered on Continuous - Service & bar, issued by Bureau of Navigation to Es. M= S; 4 to 8 pm. Jair; light for mosepate freeze from	entificate 1/2 2340, a groot consuct vorency (Oiler). Distilling Lieut-U. S.M.
Sly & fo & S.M. Delivered on Continuous - Service & bar, issued by Bureau of Navigation to Es. M= S; 4 to 8 pm. Jair; light for mosepate freeze from	entificate 1/2 2340, a groot consuct vorency (Oiler). Distilling Lieut-U. S.M.
Sly & fo & S.M. Delivered on Continuous - Service & bar, issued by Bureau of Navigation to Es. M= S; 4 to 8 pm. Jair; light for mosepate freeze from	entificate 1/2 2340, a groot consuct vorency (Oiler). Distilling Lieut-U. S.M.
Sly & fo & S.M. Delivered on Continuous - Service & bar, issued by Bureau of Navigation to Es. M= S; 4 to 8 pm. Jair; light for mosepate freeze from	entificate 1/2 2340, a groot consuct vorency (Oiler). Distilling Lieut-U. S.M.
Sly & fo & S.M. Deliveres on Continuous Service & bar, issued by Bureau of Mavigation to Es. M. S.	entificate 1/2 2340, a groot consuct vorency (Oiler). Distilling Lieut-U. S.M.

LOG of the United States Steamer Essex".

Al- Montevideo, Uruguay.

								1		-							
			Reading		WIND.				BAROMET	ER.	TEME	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	her.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				South-	South-	3			30./5	7/	64	59		b	none	10	
2						3			30.14	_				4		10	
3						3			30.14					4		10	
4				*	"	3			30.14					4	*	10	
5				SoyW		3			30./3					be	came	9	
6				SHOYS		3			30./3					*	и	9	
7				SHIN		2			30.14		1000			*	"	9	
8				South-		2			30.14	1				и	4	9	
9				& by 6	\$ 300	2			30./5	/				"	cir cun	8	
10				,		2			30./6 6		- 1				4	8	
11				286	286	2			30.16	1000				u	4	8	
Noon.				& Eby &	SE by S	2			30./5					4	4	9	
					, /												

Course and distance	made good since preceding noon by observation	s,	knots.		tenths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		•	,	"
	Longitude by chronometer from Forenoon Ol	bservations of ⊙	0	,	"
	(Latitude by		0	,	"
Position at 8 a. m.	Longitude by		0	,	"
	(Latitude by			,	"
Position at 8 P. M.	Longitude by		۰	,	"
Current during the	time, knots tenths per hour, se	tting to the			
Variation of the Co	mpass by Amplitude o observed at Sunrise, shi	p's head	0	,	"
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset,	"	0	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at	"	•	,	"
Water expended dur	ring the preceding 24 hours,			34	gallons.
Water	during the preceding 24 hours,		/	340	0 "
Water remaining on	hand fit for use at Noon,		2	87	of "
Coal consumed duri	ng the preceding 24 hours,		/ tons	10	76 " /O lbs.
Coal remaining on h	and at Noon,		64 "		

. M.					1	
1	\$86	888	2	30.15 70 68 63	be	cir cum q
2	Sby Us	28 by 6	2	30.14 70 69 64	*	. 9
3	8825	286	2	30.13 69 69 64	-	4 9
4	South-	*	2	30.12 68 69 64	٠,	4 9
5	36	688	2	30.10 69 69 63	6	210ng 10
6	78	16	2	30.09 70 68 63		1 10
7	Eby M	4	2	30.09 70 66 61		" 10
8	000	"	/	30.10 74 66 61	4	4 10
9	686	676	2	30.11 71 65 61	,	" 10
0	86	716	3	30.11 70 66 63		. 10
11	86 by 6	6 "	3	30.10 66 65 60	,	*. 10
lid.	686	north-	3	30.10656460	be	cir cum 8

Mis to 4 am	and a second
bless net cool bright	- mondialet - Barometin strason
Levelle besses Low & Moserale levell	ship colling and she
Mid to Ham. Blear and cool bright Smell for 8 am.	grand grand grand
41-8-01	1 / Martin
for same floor the blown to be to	1. 1. lill- been & Il- M.
The Pil mass desir signali and at	in time since I Poul South Ut
stagonifo muse with sighting with	or stall in south from I dille
the of occor for each grant veg and	C Myulds
Fam L. Manis	Jungo all toleran
ble and bles with	In a horizon Siell . S. M.
Hagohip made dress signals and at your of crew 1/5 lbs Each fresh beef and so same of Meris.	sheet of the ship with and stown the
The following named men were absent in	ith- the may work of a fundamen.
Della (2000) (2 - 8 1/ (1011) Per	of land war of the state of the
Delovey (Maa) L. M. Sople (clapp), P.M.	Cangion (Supper) and M. Comb (Vol.).
Dioppera aisuning as 11 and nuited for	co. John Dinton (2017) was placed
11500 10 10 10 10 10 10 10 10 10 10 10 10 1	- 1 1 1
unter sentago charge for being Oun	Ter the influence of liquous
M. I- 4days	set the influence of liquous
Stopbed distilling at I and hauled for under sentago charge for king oun Meris to 4pm.	Jet the influence of liquous The rime Licul-U.S.M.
Meris to 40m. Bright-and plaasant, bar	ometer steady, light-brigg from
Meris to 45m. Bright-and pleasant bar So and Es. J. Delorey (M.a.a) petur	red on board 6 hrs. som overtime.
So and Es. Delorey (M.d.a) petur	sed on board 6 hr. som overtime.
So and Es. Delorey (M.d.a) petur	sed on board 6 hr. som overtime.
So and Es. Delorey (M.d.a) petur	sed on board 6 hr. som overtime.
So and Es. Delorey (M.d.a) petus 4 to 8 fm. Clear. Light-breege for rations for unmorrage Schriften	in SSE / ME. Made partial prepare
So and Es. Delorey (M.d.a) petus 4 to 8 fm. Clear. Light-breege for rations for unmorrage Schriften	in SSE / ME. Made partial prepare
So and Es. Delorey (M.d.a) petus 4 to 8 fm. Clear. Light-breege for rations for unmorrage Schriften	in SSE / ME. Made partial prepare
So and Es. Delorey (M.d.a) petus 4 to 8 fm. Clear. Light-breege for rations for unmorrage Schriften	in SSE / ME. Made partial prepare
So and Es. Delorey (M.d.a) petus 4 to 8 fm. Clear. Light-breege for rations for unmorrage Schriften	in SSE / ME. Made partial prepare
So and Es. Delorey (M.d.a) petus 4 to 8 fm. Clear. Light-breege for rations for unmorrage Schriften	ometer steady light-briege from sed on board 6 hrs. som overtime. It Mendon- Lend-U.S. M. in SSE 10116. Made partial prepart i (2cl I.) was released from sentry charge the recombight-Barometer steady. non (S. Uppiel) returned on board
So and Es. Delorey (M.d.a) petur	in SSE / ME. Made partial prepare

LOG of the United States Stramer Essex"
Al- Montevideo, Uruguay.

			Reading		WIND.				BAROME	ETER.	TEMP	PERAT	TURE.	State of	Forms of	Hear other.	le Sea.
Hour,	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Ballb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				718	nn6	4			30.10	66	63	39		be	cir.cun	.6	
2						4			30./0					4	4	6	
3				Sby W	Mby W.	3			30.10	66	60	57		4	4	6	
4				Mby W	1,1	3			30.10	66	60	57			-	6	
5				Morth-	Morth by W	3			30./0	65	60	57		bene	cir ofr	4	
6				"	Morth-	3			30:09					4	"	5	
7				MMM.	Mais	4			30.10					4	•	8	
8				Soy 11/2 11		4			30.10	68	67	63		4	4	6	
9				"		4			30.12	70	70	66	-		4	6	
10				MM	•	2			30.14	73	73	68		. 0	4	6	
11				40 1	2.1	2			30.14					be	4	7	
Noon.				North-	Mex/-	1			30.14	77	77	71		4	4	8	

Course and distance	made good since preceding noon by observations,	knots. tent	hs.
	(Latitude by D. R.	0 , 11	
	Longitude by D. R.	0 , ,	
Position at Noon:	Latitude by observations of ⊙	0 1 11	
	Longitude by chronometer from Forenoon Observations of ⊙	0 / //	
	(Latitude by	. , ,	
Position at 8 a. m.	Longitude by	٠ , ,	
	(Latitude by	0 , ,	
Position at 8 P. M.	Longitude by	٠ , ,	
Current during the	time, knots tenths per hour, setting to the		
Variation of the Con	mpass by Amplitude o observed at Sunrise, ship's head	0 , ,	
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset, "	0 , ,	
Variation of the Cor	mpass by Azimuth ⊙ observed at "	0,,	
Variation of the Con	mpass by Azimuth ⊙ observed at "	• , ,	
Water expended dur	ring the preceding 24 hours,	328 g	illons.
Water	during the preceding 24 hours,		·
Water remaining on	hand fit for use at Noon,	2547	u
	ng the preceding 24 hours,	2547 / tons /6 75	Tlbs.
Coal remaining on h	and at Noon,	62 " /230	"

P. M.						
1	\$\$W	28 M	2	30.12 75 78 72	be cum	di 6
2	26	71.118	2	30./2 75 78 72	4 4	6
3	& E by &	South-	1	30.10 77 79 72	4 4	
4	South-	26	2	30.08 78 79 72	" str	in 4
5	286	East-	2	30.07 78 79 73		
6	N by 6 1/2 6	6116	3	30.06 78 78 74	. "	6
7	716 by 6	East-	2	30.07 76 76 72		5
8	East-	118	2	30.08 80 76 70		5
9	716	"	1	30.08 80 76 71		5
10	East-	71718	2	30.08 79 76 69	4 4	9
11	716	118	2-4	30.08 79 75-66	b.e.gr. circ	/
Mid.	. ,	"	2-4	30.08 79 73 65	4	

Mis to Ham. At-3.00 light 20 four fires under two boilers. W. R. Kan July W. Ry Maen Fald. Odsign U.S.M. Partly cloudy pleasant weather misty along horizon . Lent's to moderate breeze from Il to MMU. Ut-5: hoisited steam cutter, 5:15 called unmoor ship " took off more I swivel and hove up port anchor. at-7.15" mate Int: 48 90. Hagship answer aff, got unter. way and at 7.35 stood out on course & by m/2m. (pc) and put over patting, registering 0, al-8 pat-log registères 4/2 miles. Ships draft - fors 12'8" amis 14" 4" aft-16" o" 8 am to Merid. Lieut: U.S.M. Bright and warm, barometer steady. Light-to gentle breeze from MW and M. anchored at 9.00 about - 9 miles to the Sid of Montevides for larget-practice, banker fires. Lot larget-overboard fires brounds from 60 por 12 shot the rest shell and I from the 8 in when the practice was interpulated by passing tout. C. J. Logg (Ca M/ assent without leave Pacifica . Sent out Kroge anchor on port-quarter to rough ship wound grants 1 Gusign U.S.M. Bright and warm barometer steady, wint light and variable. Finished fixing al-larget al- 4.15. Expended in Cronance; six (6) 8 in charges six (6) so /2 les cartaisgebago 113 la Dupont - Sphero Corover site (6) 8 in shell loaded anofiged short Butler, sie (6) 60 the changes sia (6) 5 lbs. cartiige bags, 30 lbs Sharticoke Rifle Owen, four (4) 60 of Shell loaded anotheged, two (2) 60 Or shot twenty four (24) Ix in charges; thenty four (24) 10 lbs cartridge bags. 240 lbs - Dupont - Cannon Conser, twenty four (24) Is in shell loaded and fuged. Six (6) 3 in charges; sia 6 /2 of cartridge bago; 4/2 lbs. Dupont- Cannon Conser sia (6) 3 in shall filled dia (6) Boder Fuzer; sia (6) light 12 por charges; sia (6) . 625 lb. carteidge bago 13 /4 los Dupont-bannon power, and sia/6) 12 por shell loaded and fuged. Solimon way at 5:00 and stood into Montevideo harbor. Unchored at 6.30 and moored ship with swivel 45 fms - rach chain port anchor to &d. Bearings from anchorage (mag) 61 Berro WMW/+W. asylum 118 1/4 11. 17/ Lewlen MME. Hauled fired weather light to moderate breeze from He and W. Ry Mien Fuld.

Fire July 1. S. M.

Surign U.S. M.

Examined and found to be correct.

le. K. lenrin

LOG of the United States Steamen Essex "
Al-Montevideo, Uruguay).

		1						1									
			Reading		WIND.				BAROME	TER.	TEM	PERAT		State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				ME by M	MME.	3			30.08	77	71	65		beg	circum	-9	
2				11606	Morth-	3			30.08	76	71	66		u	4	9	
3	-			Morth-	4	3			30.08	75	71	65		4	4	9	
4				4	ч	3			30.09	74	70	64				9	
5				*	•	3			30.09	74	69	64	4	be	ciroti.	9	-
6				4		3			30.10	72	69	66	-	bern	4	9	
7				Mby M	5	3			30.12	72	71	65	-	4	4	9	
8			1	111111	MMM	3			30./2	74	-74	67			4	9	-
9				MbyM	Wby M	3			30.13	77	78	71		4	4	9	
10				"	1171	2			30.14	-79	8/	71		he	+	9	
11				8 Thy W	0-0-	2			30.14	180	82	72		4 .		9	
Noon.				u	Drogh.	2			30.14	80	81	74	4	4	4	9	1
		Mei.	1000		1												

Position at Noon: Latitude by D. R. Latitude by D. R. Latitude by observations of \odot Longitude by chronometer from Forenoon Observations of \odot Position at 8 a. m. Latitude by Longitude by	
Position at Noon: Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙ Position at 8 a. m. Latitude by	 ' '' ' '' ' '' ' ''
Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙ Position at 8 a. m. Latitude by	o ' '' o ' ''
Position at 8 a. m. { Latitude by	· / //
Position at 8 a. m. {	0 / . //
Position at 8 P. M. Latitude by	0 / //
Position at 8 P. M. (Longitude by	o , ,,
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 , ,,
Variation of the Compass by Azimuth ⊙ observed at "	0 , "
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Water expended during the preceding 24 hours,	420 gallons.
Water during the preceding 24 hours,	"
Water remaining on hand fit for use at Noon,	2/27 "
Coal consumed during the preceding 24 hours,	/ tons /200 lbs.
Coal remaining on hand at Noon,	61 " 30 "

P. M.							
1	\$87	2837V	1	30./14 80 82 74	be	cir di	P
2	Sby &	886	1	30.13 81 81 74	4		8
3	28	*	1	30.12 8/8/74	4	a	9
4	686	20%	2 -	30.1281 82 73		x	9
5	6 by 8	1	2	30.11 81 82 75			9
6	6718	8118	3	30.1181 82 73		* 4	9
7	a	"	3	30.11 81 82 71	4	2 0	9
8	4	4	3	30.11 84 81.69	4		9
9	7/8.	4	3	30.10 84 80 71	4	. 4	9
10	16 by M	MEbyll	3	30.10 83 79 70	le	worz /	10
11	116	118	3	30.10 82 7869		4 /	10
Mid.	4	116 by 11.	3	30.1080 7668		. /	0

Mid to 4 am.
Mid lo 4 am. blear and pleasant; with gentle breeze from MME and M. 4 lo 8 am
Questone
H lo 8 am Clear and pleasant. Barometer steady, getille breeze from M. 8 am to Mirit. R. J. Dodge aboent with out-leave Painting ship outside M. Roy Thas Justice. M. is to 4 bear fine overthe out-leave Painting ship outside M. Roy Thas Justice. M. is to 4 bear fine of the outside M. Roy Thas Justice. M. is to 4 bear.
Clear and pleasant. Barometer steady, getille breeze from M.
194 Musle
8 am to Meris. , Sicul- U.S. M.
of a blear fine agrather, variable light-breeges. Mustered at-quarters
A. J. Lodge absent without leave Vainting ship outside no 1
W. Ry Masn Full.
Meris lo 4pm Ensign U.S.M. Ensign U.S.M. Lear ans pleasant - Light-airs from SSW and SSE. Un la 8 pm
Sear and pleasant. Light-airs from SSW and SSE.
ansière.
4 pm lo 8 pm, Ensign d. S.M.
blear and pleasant Gentle briege from 616. Bulian Torke
do Spuiser "admiral Lynch' went-out-
4 pm to 8 pm. Blear and pleasant. Senth briege from ENE. Chilian Torpe. do Bruiser "Admiral Lynch wint out." I fing flisholman 8 pm to Mid.
8 pm to Mid.
Dear and poleasant: Gentle breeges from Elle to MEly M.
· · · · · · · · · · · · · · · · · · ·
8 pm 10 Mid. blear and foleasant: Senth breeges from EME to MEly M. Crusign U.S.M.

LOG of the United States Stramer Essex"

Al- Monte video, Uniquay.

												-			-		
Hour.			Reading	COURSES STEERED by Standard Compass.	WIND.	ND.			BAROMETER.		TEMPERATURE.		State of	Forms of	Clear Oths.	he Sea	
	Knots.	Tenths.	of Patent Log.		Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				116	2118	3			30 00	70	74	-/./				10	
2				110	10116	3			30.09					a	none	10	
3				Horth-		3			30.07	-	1			u	a	10	
4				,	4	3			30.07	/	1	1		u	4	10	
5				Mby W.	Horth-	2			30.06	/				bem	cir	9	
6				Horth-	и	2			30.06	76	73	65	-	4	a	9	
7				4	*	3			30.06	4	/	/		*	u	9	
8				4/27	50505	3			30.06					4	*	9	
9				1200 71	The man of	3			30.04				,	4		6	
10				All by h	may by M.	3			30.04					1	stral-	1	
Noon.				11 by	886	3			30.03					u u	cir.cum	4	
					220				0.07	0.7	00	//					

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	a ,	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ⊙	0 ,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 /	"
	(Latitude by	0,	"
Position at 8 a. m.	Longitude by	• ,	"
	(Latitude by	0 ,	"
Position at 8 P. M.	(Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to the		
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 ,	"
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0 /	"
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 /	"
Variation of the Con	mpass by Azimuth \odot observed at	0 ,	"
Water expended dur	ring the preceding 24 hours,	360	gallons,
Water	during the preceding 24 hours,		"
Water remaining on	hand fit for use at Noon,	19	767 "
Coal consumed duri	ng the preceding 24 hours,	tons /	780 lbs.
Coal remaining on l	and at Noon,	60 "/	490 "

P. M.	1						
1	Sby 6	888	3	29.98 81 80 77	be	cum.	3
2	& & by &	86 by 6	2	29.97 80 79 76		um !	3
3	686	East-	2	29.96 81 80 76		cum oft	4
4	6 by &	"	2	29.92 82 82 76		4	4
5	40		3	29.88 83 83 76		cir euro	6
6	East-	3/18	3	29.87 84 83 77	4		5
7	700100	Cast-	4	29.87 84 81 75	oem		0
8	1 Eby n	1	4	29.8985 8176	, ,		0
9	71 & by &	116	3	29.90 86 82 76	bel	cer cum	1
10	. "	N	3	29.90 86 82 76	och	ninh !	0
11	70 C	4 20 €	3	29.89 86 80 73		1	0
Mid.	NE	776	4	29.8782 79 72	4		0

Mid to 4 am. Clear and pleasant: Sentle breege from 4 to 8 am. Clear fine weather, light- to gentle breeg fresh provisions:	
blease and pleasant - South bresses brown	7128
Jedge and forestarior. Starte viery filled	Go trakel
4/28021.	Junior of Minan
blear Line weather light to as will bress	s home of Propried
best provisions:	June 1 Comment
fresh popularion.	W. Ron Mason Fuld.
ramla Merid	Busian 7/8.11
8 am to Merid. Blear and poleasant- Sentle breeges from	~ 111715 1275hu 11 ms
SSE. Went To quarters at 9.30 and exercises Dir. at-	Company drill mate rou
Time signal at- 9.45: Received in Pay Dept- 171 lbo- pour	Kle absent without - leave
D. Milliken (B. Holo) R. F. Douge (ChMz) was dispated	to Szaman from Dectr 26-16
and seclared a Seserter from dels by order of Bounda. Officer.	
the following punishment: Illindon (2d 3) Cloing oils, ignesting a	not insufordinate language town
Machinist on roatch: Drank on duty; - I days confinement or	
(Cot) 24 hours overtime - 4- class 2 months; 68. M. Miennen	
300 class; 1/2 month; Jas: a. Parsons (1th Singt-) 24 hrs. For	time - of obscial class to
2 nd class: L. Nachird (M. R. b) Overstaying his leave - ho	
P.M. Cannon (S. a. 2d) 39hr-overline 4th class smonths: L.	M. Sopla (class) 36 has overtime
4th class. 3 months: John Mª Comb (Out-) 15 hrs overtime _ 3	
Taylor P. 9201 Usino officers name - of special	to 2nd class.
Taylor (O. Feo ! Usino officers name, - off special	Questone
Maris 104 pm.	6 2/8 4
blower. Dentile to light - breeze from DD6 to 6ast.	Engaged in cleaning cop-
form, in relaying circles for TI M. L. R. and in pepai	ring for /02 do fittings. of launch
Masz quartely inspection of gun cotton.	
Made quarticly inspection of gun collon. H to 8 pm. Mostly cloudy and pleasant. Links and man & 16. alt 4:30 mustices at quartue: The Dutch man anchores and exchanged salutes:	July Llu Kolman
4 to 8 pm.	Lieut - 71. 8. M.
Mosely cloudy and pleasant. Light's and in	roderal Freger from East
and EME. al 4:30 musteres at quartus. The Dutch ma	n-of-war came in and
anchores and exchanged salutes:	
	Clastone
8 pm to Mid.	Onsign U.S.M.
flasher of heat-lightning around the horizon.	n MEto MME. Frequent
flasher of heat-lightning around the horizon.	Braile
	File The Alman
X.	eul-4. S.M.

			Reading		WIND.				BAROME	ETER.	TEMI	ERAT	URE.	State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				71.37	nas	5-6			29.88	80	75	-72		ocgal	cum		
2				shy &	Drby &	4-5	200		29.88	78	72	72			nimb	0	
3				nr	,	4-7			29.88	77	71	70		ocpg		0	
4				286	\$6	3			29.92	76	72	71		ac	"	0	-
5				6ast-	100	1			29.88	77	71	70		u		0	
6				718,	7/6	1			29.86	76	72	71		4	-	0	-
7				North-	East-	2			29.86	76	73	72		be	circun	2	-
8					"	2			29.87	77	74	72	136	и	4	2	-
9				nnw	1	1			29.94	78	76	74		*	4	6	
10				8820	W & W	2			29.94	79	78	74		bene	4	6	
11				1		2			29.93	78	79	75	200	4	4	6	
Noon.		7	13	& by W	"	3			29.93	78	78	73		"	,	8	

Course and distance made good since preceding noon by observations,	knots.	tenths.	
(Latitude by D. R.	. ,	"	
Longitude by D. R.	0 ,	,,	
Position at Noon: Latitude by observations of ⊙	0 ,	"	
Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"	
(Latitude by	۰ ,	"	
Position at 8 a. m. Longitude by	۰ ,	"	
	0 ,	"	
Position at 8 P. M. Latitude by Longitude by	0 ,	"	
Current during the time, knots tenths per hour, setting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 ,	"	
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 ,	"	
	0 ,	,,	
Variation of the Compass by Azimuth & observed at		,,	
Variation of the Compass by Azimuth & Observed at		30 gallons.	
Water expended during the preceding 24 hours, Water Distilled during the preceding 24 hours,		20 "	
Water remaining on hand fit for use at Noon,	- / 6	"	
Coal consumed during the preceding 24 hours,	tons	60 lbs.	
Coal remaining on hand at Noon,	39"	1430 "	

					-	-		T
P.M.								1
1	South-	WEst-	2	. 29.93 79 78 76	be	cum of	6	1
2	8820		2	29.93 79 78 75	*	4	6	1
3	"	Brby8	2	29.93 80 79 75	4		6	1
4	\$ W by &	,	2	29.93 81 80 76			6	10
5	\$ \$20	South-	2	29.93 79 80 76			6	
6	South-	886	2	29.93 79 79 76	4		5	-
7	86	286	2	29.94 78 78 76		*	5	1
8	86 by 6	6,06	2	29.95 79 77 75	, "		6	100
9	&&	6716	1	29.97 77 77 74	8510	"	8	1
10		Gast-	2	30.00 78 76 73	600	none	10	10
11	"	"	2	30.00 76- 75- 73	"	1.3	10	1
Mid.	·	,	1	30.00 75 74 72		1	10	1
						The state of the state of		

Mid to 4am.	
Aprèc hours Buring first half hour voint shifted sustantly to BU by B, in a mote pate square forest of mote pate gale in Squalls until 3.00 a and shifted to SE. al-12:45 let-go starbis a	hist two hours: Driggling raine fit
three hours During frish half liour wins shiften	T gradually from My & to Marthen
sustenly to Sit by & in a motepate squa	le and coldinaco do low from a fresh
priege to moderate gales. Aqualle, until 3.00 a	M. when it sied out to agentle breeze
and shifted to 26. Ut-1244 let-go starbor a	nehor under foot.
4 6-8 1211	The refiere
Cornerst and cloudy Lighting	: and breezes lange 12 2 170
Wo starts sheet anchor . Executes morn	ing orders. Headilo mase unitorne
signal as follows: Aft. 16 Heg 10 Postin	. 1/5°
Hoto san. Corread and cloudy. Lightains who starbs sheet anchor. Executed morn signal as follows: Aff. 16 Heg 10 Postin 8 am to Meris.	Collitione
8 am to Mexis.	Consign U.S.M.
frar and pleasant. Light-	ups from East first hour hen light to
tilling from WOW. The English	unboit Beagle perunes to port. Dis
gentle breeze from WBW. The English	Q Jull
Maris to 4pm	Jing Hukalman
Mais to 4pm Partly cloudy, pleasant no	eather Sight-breeze from Ulto & Who &.
	1 John in
4 68 pm	Vieut-21. 8. 7.
4 lo 8 pm blear and pleasant: Lig tilling.	M- price from SU to 686. Dir.
filling.	O Sublat
8 Am Si Mid	July IM John W
Bright- starlight - Light- nin	o to light breeze from EME to Ent
Tilling. 8 pm to Mid Bright-starlight-Light-air Morn poss about- 11.30, Hang dew.	of grant of the Cast.
	Ficility S. M.
	Lieuth. U.S.M.

LOG of the United States Steamer Essex"

At Montevideo Upuguay.

							- 0										
			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				288	116	1			29.99	75	-74	72		6	none	10	
2				SELys	1118	1			29.98	76	74	72		4	*	10	
3				86	u	/			29.98	75	74	72		4	4.	10	
4				26 kg &	4	1			29.98	74	74	72	-	4	4	10	
5				NE by N	. "	/			30.00	74	273	71		4		10	-
6				77/16	East-	/			30.02	74	73	71		4	. 4	10	-
7				nnw	6718	/		-	30.04	75	74	71		4	4	10	
8				Mu	West-	1			30.06	77	75	72		4	r	10	
9				11+6	86	1			30.04	77	75	72		he	cir	9	
10				86 by 8	"	2			30.06	77	77	74	-		"	9	-
11				" C	ď	2			30.06		1 .	73	-	14	0	9	-
Noon.				26.	4	2			30.06	77	77	74		н	,	9	
						-	The state of the last	-	-								

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 /	"
Position at Noon:	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ⊙	0 /	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	0 ,	"
Position at 8 a. m.	Longitude by	0 /	"
	(Latitude by	0 /	"
Position at 8 P. M.	Latitude by Longitude by	0 ,	"
Current during the	time, knots tenths per hour, setting to the		
Variation of the Co	ompass by Amplitude ⊙ observed at Sunrise, ship's head	0 /	"
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0 /	"
Variation of the Co	ompass by Azimuth ⊙ observed at "	0 ,	"
Variation of the Co	ompass by Azimuth o observed at "	0 ,	"
	ring the preceding 24 hours,	400	0
Water Distil	Uso during the preceding 24 hours,	1350	"
Water remaining or	a hand fit for use at Noon,	2607	"
Coal consumed duri	ing the preceding 24 hours,	/ tons /2.	oo lbs.
Coal remaining on	hand at Noon,	58 " 2·	30 "

P. M.	38	6.86	2	30.06 78 77 74	be	circun	1
1	"	000	3	30.06 77 77 74		t	/
3	686		3	30.05 77 77 74	6	none	1
4	,		4	30.0478 78 72	0		
5	East-	East-	4	30.01 79 77 72	be	eir cune	9
6	1	6 by 11	4	29.99 79 77 72	Jean		1
7	8718	67/2	4	29.98 79 77 70	*	4	9
8	*	4	4	29.97 80 76 70			9
9	718	718	3	29.98 74 76 68		"	9
10		"	3	29.98 80 75 67	4	4	9
11		"	3	29.99 79 7367		4	9
Mid.			3	29.98 79 73 67		"	9

Mis to 4 am Sear and pleasant. Bught-moonlight-Baronder steasy.

Light-airs from ME and MME.

J. Muslow

Mars. 4 to Sam. Clear and warm. Light-airs from between MIE and East- first three hours; from West last- hour. At-7.20 loosed sail Red on boald for use of cresol 117/2 lbo- Each fresh fref ansorge tables - and 94 lbsfreat. The following signalo-were Smart by the flagships - 7. dress signal, 125 Press 3456; 7.30 time signal and 5455. All Answered D. Milliken (bot flot and 5. Smith (box) returned abound.

Jung Hilliken Solvenia.

8 am to Merit. Mealier dear and pleasant. Light - airs to light - breeze from SE. Ul- 9.30 "bleared shipfor action " time 20" 300_ Ul- 10.00 round to general quarker- 1th dir peacy in gone 350 2nd Six in 2 m oo gradis in 1 m 40 0 Hard Six I'm 500 Pont It me Hos, Englo- 1 m/6 o Marine Jused in 1 m 10 a and Pay Leptin 1 m 15 are Tested life buoys and magazine and gancotton locker flood cocks and found them in good working order Decured at 10.30. A miene Merio do Hom.

Slear and pleasant. Light-do gentle breeze from ESE. Burne.

Ter steasy. Flagship mate sig 2989, 4826. Lint : J.S. M. Pl:asant, misty along horizon. Mot spale briege from & to Eur. Ul- 4.30 went to fire quarties 1st officer in me 250, 2 m speake in 12 37 000 3rd driam in 1 6 5 4° and 4 - Aream in 2 m og , Al-4. 40 called abandone ship and mushred over opposite boats. Stopped distilling and hauled fires: 8 pm to Mapis. Vicul-U.S.M. hut general quarters; cast loose 1th dir 5:47, 2nd dir 4.47, 3rd dir 5:29, Marg dir 5.25, Powo dis 9.12, 6ngr bir 3.25 Marines 5.27 Pay Dept- 2.50, Sung dis 5.25

LOG of the United States Stranger Excex"
At Morderides, Uraquay.

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Hear other	ie Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				118	NE	4			2998	76	72	69		be	cir curu	4	
2				1116	71718	3			29.96	75	-71	69		ч	4	4	
3				*	4	3			29.96	75	70	68		u	4	6	P. N
4				*	u	3			29.96	75	69	67		4	4	8	-
5				Horth-	North-	3		1000	29.96	76	-68	67		u	4	8	-
6					4	3			29.96	75	68	67		4		9	130
7				*	4	3			29.97	76	70	67		И	4	9	100
8				4	4	3			29.97	78	73	68		4	cum	9	1
9				SW.	и	2			29.97	79	77	70		4	cir cum	19	
10				Horsh-	"	2			29.96	79	79	74	4	ч		9	
11				71716	4	2			29.96	81	82	74	+	и	4	9	
Noon.				Ebyll	4	2			29.94	82	82	74		4	*	9	

Course and distance made good since preceding noon by observations,	knots.	te	enths.
(Latitude by D. R.	0	,	"
Longitude by D. R.	0	,	"
Position at Noon: Latitude by observations of ⊙	0	,	"
Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
(Latitude by	0	,	"
Position at 8 a. m.	, 0	,	"
	0	,	,,
Position at 8 P. M. Longitude by	0	,	"
Current during the time, knots tenths per hour, setting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0	,	,,
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0	,	"
Variation of the Compass by Azimuth ⊙ observed at "	0	,	"
Variation of the Compass by Azimuth ⊙ observed at "	•	,	"
Water expended during the preceding 24 hours,	3	75-	gallons.
Water Gistilles during the preceding 24 hours,		260	
Water remaining on hand fit for use at Noon,	22	38	"
Coal consumed during the preceding 24 hours,	tons	14	40 lbs.
Coal remaining on hand at Noon,	57 "	48	97 "

M.	0 1				,	
1	Joeth -	718	4	29.89 82 82 73	be	cir cum 9
2	6 by n	6/12	4	29.89 82 83 76	1	4 9
3	26	288	4	29.86 83 83 76	6 c. r. g	. 9
4	SE by &	"	4	29.84 83 83 76	. 1	X. 5
5	88	East-	2	29.83 83 83 77		cir.cum 4
6	12	North-	3	29.80 84 84 78	4	. 5
7	"	"	3	29.50 84 87 78		" 5-
8	*	"	2	29.79 87 87 79	1	" 1
9	71718	11/18	4	29.78 8783 76	A	" 3
10	7/8	4	4-5-	29.79 86 81 75	4	. 4
11	1/ E by M.	4	4-5	29.78 84 80 74	beml	1 6
lid.	. 1		4-5	29.77 83 79 74		. 3

Mit to Ham.	
Mis to 4 am. Blear fine weather moderate to gentle bree 4 to 8 am. blear and pleasant. Sentle breeze from World	12 from 11/16.
	M. Rom Master full.
Alos am. Blear and pleasant. Sentle briege from North signals Off 19. Meg 18 and Posn 17.	1 6 rigign 21. 8.M.
Olean and pleasant. Lentle briege from Morth	: Hagolip mase uniforme
signals Off 19. Meg 18 and Vois 17.	
8 am to Merio Bright- and warm, berometer strasy.	J. J. J. J.
o am to war Biller 5 - 1 - 1 - 1 - 1	P. 1. 1
Paid setting to to the ment becomes deady.	igh briege from North:
D. Willik. The Tolo) 48 hours boosting stight - 22 days & to the	purish wients org -
24 hours over line - reduced to 3 nd class he month - & De	locas (MAA) We house over
t. 11 1 · · · · · · · · · · · ·	flenny francis
fine - of social class for 3 morths.	
fime - of special class for 3 months.	1.7. Hillwhore
Qued ordeing Comes officer assigned he following D. Milliken (b. Tolo) 48 hours broating & tight; - reduced to 3 no class from the 2. D. time - off special class for 3 months.	1.7. Milwhore
Meris to Home Class for 3 months. Meris to Home Clear at first - their hary. More pate by	1.7. Milwert Lied-7.8.71. 2000 from 16 to 686.
Merit to Home Clear at first - their hary. Mosepate by	1 Lient-7.8.11.
Merit to Home Clear at first - their hary. Mosepate by	1 Lient-7.8.11.
Merit to Home Clear at first - their hary. Mosepate by	1 Lient-7.8.11.
Merit to Home Clear at first - their hary. Mosepate by	1 Lient-7.8.11.
Merit to Home Clear at-first - their hary. Moterate by blear at-first - their hary. Moterate by falling slowly. Bent-light - sails and crosses &	W. Roy Mach Fild. Resign 2.8.11. Barometer pagallent-yarso:
Merit to Home Clear at-first - their hary. Moterate by blear at-first - their hary. Moterate by falling slowly. Bent-light - sails and crosses &	W. Roy Mach Fild. Resign 2.8.11. Barometer pagallent-yarso:
Merit to Home Clear at-first - their hary. Moterate by blear at-first - their hary. Moterate by falling slowly. Bent-light - sails and crosses &	W. Roy Mach Fild. Resign 2.8.11. Barometer pagallent-yarso:
Meris to Home Clear at first - their hary. Morepate by H to 8 pm. Bright and sultry Denthe to light - bree falling slowly. Bent-light - sails and crosses of 8 pm to Mid. Moserule to light ming around horis	W. Roy Mach Fild. Resign 2.8.11. Barometer pagallent-yarso:

Examined and found to be correct.

Land Navigator.

LOG of the United States Steamer Essex", 3d Rate,
At Montevideo, Uruguay.

									0							_	
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Forms of	Hear other	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Ser
A. M.				6 by M	71716	4-5			29.73	82	78	74		bel	cir cum	5	
2				708		4-6	•		29.70	82	77	74		4		5-	
3				*		4-5	-		29.67	82	77	74	4	1	-	5	
4				North-	WEst-	4-5	•		29.67	82	77	76	-		4	6-	
5				Sby &	888	3-5	-		29.69	77	73	72		aclp.	nine	0	1
6				1.	. '	3-5	•		29.71	76	74	73		OCR	*	0	
7				Gast-	East-	3			29.70	76	74	73		bem	cir ceyn	1	
8				718	6716	2			29.69	76	74	72	- 10	И		1	
9				West-	MEST-	2		-	29.67	76	75	73		ac	cun m	160	
10						2			29.68	77	75	74	4	4		0	
11				37	,	3			29.70	78	76	74		4	4	0	1
Noon.				WhW.		4			29.71	77	76	74		4		0	
																	-

Course and distance	made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0 /	"	
	Longitude by D. R.	0 ,	"	
Position at Noon:	Latitude by observations of ⊙	· ,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	· ,	,,	
	(Latitude by	0 ,	"	
Position at 8 a. m.	Longitude by	۰ ,	,,	
		0 ,	"	
Position at 8 P. M.	Latitude by		"	
	Longitude by			
Current during the	time, knots tenths per hour, setting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 /	" •	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0 ,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 /	"	
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 ,	"	
	ring the preceding 24 hours,	34	45 gallons.	
Water	during the preceding 24 hours,		"	
	hand fit for use at Noon,	20	87 "	
	ng the preceding 24 hours,	100 tons /-	255° Ibs.	
		17 49	2//) "	
Coal remaining on h	nand at 1900,	00 20		

P. M.	87	SU	4-5-	29.74 77 76 72	0000	nimb	0	
2	Sty by W	8,874	4-5-	29.76 77 74 72	3	4	0	
3	2371	+	4-5-	29.77 78 73 70	beg	,	3	
4	"	"	3-4	29.78 77 74 70			3	
5		"	4	29.77 77 73 68			3	
6		,	5-	29.81 73 71 66			2	1
7	South-	South-	6	29.85 75 70 65	*		1	
8	"	"	6	29.89 76 69 65	4		1	1
9	,	4	4-6	29.9475 69 64	,	cum	6	
10	4	6	4-6	29.96 74 68 63	1	"	6	1
11	,		43	29.99 74 67 62	b.g.	nous	16	1
Mid.			4-6	29.99 72 67 59	,	1	10	
		The second second						

, 1891.

Mid to 4 aM. Partially cloudy Moderate to fresh breeze of West- at-four. Lightning during whole of watch. I am to 8 am. 1 am to 8 am. Weather unsettled. Overcast-rainy - clean again at end of watch: Mind variable in directions	
Partially cloudy Moderate to trush breeze	from MUE Shifting li-
West at four . Lightning Touring whole of watch!	0. 1
	Velle to ne
4 am to Eam.	Gresign d. S. H.
Meather unsettled . Coercast-rainy - clean	ing and him clouding over
again at Eno of watch: Mind variable in direction	general from Sd fist-
part and from the 6d latter part - Vorionster dead	Ly and Slow. Reco in Cay
DEPOT 11/2 100 DEEL 11/2 100 orderables. 34 14. Prese	171.
Sam to Merit.	J. 1. Ruester
Teru unsettled and overcast- light-breeze	increasing to waterate
breeze bom West- Al-9.45 - made routine warrate -	no the Pensacola me se
uniforms signals- changing the dress: Musteres and	inspected at quarter.
	W. Rg ham fild.
Meris to 4pm.	Englight U.S.M.
Cloudy and squally weather. Moss	ate to fresh breezes from
Dil and SSUL.	
11 - 2 /	W. M. Stone
4108 pm. g. 11 - 211 - 1-1- 1.11	Gusiger. d. S.M.
21.1 - Har weather . Mod spale to sheff briege	from D. Kough sea.
mus proung easily.	of the has till
8 dem to Menis.	Curiar 18 11
Clear and plansand- Morenals to be	oh freeze from South-
	Misione
Sam to Maio. Sam to Maio. Sery unsettled and overcast; light-breeze to breeze from West. At-9.45 - made poutine signals; and uniform signals; changing the dress: Mustiped and Mosso. Meris to 4pm. Solv and SSU. Hospale to stiff breeze generally polaries. Mosso. Ship polling easily. Spin to Meris. Spin to Meris.	Ensign. U.S.N.

LOG of the United States Stamen Essex. Al- Monte video, Uruguay

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sec
A. M.				South-	South-	6			30.01	7/	67	5-9		6	none	10	
2				"	4	5			30.01					4	4	10	1
3				"	4	4-5			30.01		1,			b.gr.	circum	10	
4				4	*	4			30.01	70	66	58		be	4	9	
5					4	4			30.01	70	66	58		4	4	9	
6				SAW	8820	3			30.04	70	67	19		4	и	9	
7					SWbys	3			30.05	70	67	59		4	"	9	
. 8					,	3			30.05					4	4	9	
39				Sis	SW	2			30.08	70	69	61		"	nous	10	
10					*	2			30.09	/	1			4	4	10	1
11					*	2			30.09				4	4	4	10	
Noon.				SSW	•	2			20.09		*			*	cir cum	. 9	

Course and distance	made good since preceding noon by observation	ons,	knots.		tenths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of ⊙		•	,	"	
	Longitude by chronometer from Forenoon (Observations of ⊙	0	,	"	
	(Latitude by			,	"	
Position at 8 a. m.	Longitude by		0	,	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		,	,	"	
Current during the	time, knots tenths per hour, s	setting to the				
Variation of the Co	mpass by Amplitude o observed at Sunrise, sl	hip's head	0	,	"	
Variation of the Co	mpass by Amplitude @ observed at Sunset,	и	0	,	"	
Variation of the Con	mpass by Azimuth ⊙ observed at	"	0	,	"	
Variation of the Con	mpass by Azimuth ⊙ observed at	"		,	"	
Water expended dur	ring the preceding 24 hours,			4	4 gallons.	
Water	during the preceding 24 hours,				"	
Water remaining on	hand fit for use at Noon,			160	13 "	
Coal consumed duri	ing the preceding 24 hours,		56 tor	15 4	400 lbs.	
Coal remaining on h	hánd at Noon,		56 .	16	10 "	

M.	000						
	Shy &	SW	2	30.11 73 73 66	b	none	10
	1,	,	2	30.10 74 75 68	,	,	10
3	"	*	2	30.08 75- 77 70	4		10
1	South-	2120	2	30.07 76 78 71		4	10
5	ST by &	mnn	3	30.06 77 77 72		circum	9
8	SSTU	*	3	30.04 77 77 73	bem		9
	,	nn	3	30.04 77 77 75	,		9
,	SH	4	2	30.04 77 76 75	be	1	9
,	85W	4	2	30.05 76 75 74	,		10
0		"	2	30.06 76 74 74			10
1	S	57	2	30.08 78 74 74	"	4.	10
id.	,	nnru	1	30.09 77 74 74		L	9

Mid to 4 am	
Mid to 4 am blear and cool . Fresh briege from South-mo moderate briege. Rough harbor sea.	scrating in force for
moderate breeze. Rough harbor sea.	
	Jug Huldolman
4 to 8 am.	Leut-U.S.M.
to blear fine weather moderate to gentle breeze	E from 8.10 8Why 8.
Hagshep signalled Im 6/44, and poutine signals-	Ent-up top gallant-yards
and masto in obt deene & to signal. Olged for use of sh	ifo 1/7/2 lbs of brief
Ho 8 am. Ho 8 am. Blear fine weather moderate to gentle breeze and masto in obe dience to signal. Rec'd for use of she 117/2 los of vegetables; and gulles of breat.	1. My Maen Full.
8 am to Meris,	wing 7/8 7/
8 am to Meris. Elear and pleasant - Light-breeges from & 2	al-9.30 mustered at aundre
111-1000 the Idenural and staff came on board to	uspect ships balles all
hands to quarties and cleared ship for action, at followed by 1087 and pennant: Explication of admiral. Released from Clinton (2cl F), Made positive signals at -9.40	27 mass signal to
plagehilo 1087 followed by 1087 and pennant: Ere	gages in lacroise unser
Sdirection of admiral . Released from Clinton (2d F)	his fine having Expose,
Made atting signal and - a 44	8
phane pour me signar as 9.70	0 11-
mis from signar as 9.70	anstone
Meris to 4 pm.	Consignil S.M.
Meris to 4 pm. Blear and pleasant: Light-breeze fro	EnsignUS.M.
Meris to 4 pm. Blear and pleasant: Light breege from Mill last hour. The asmirals into paction	EnsegnUS. M. m. Str first three
Merit to 4 pm. Blear and pleasant: Light-breeze fro hours- from MW last-hour. The atominals in postion continued. That battalion drill divisional drillo;	EnsignUS.M. m SM first three y of the ship was like quarters- abando
Merit to 4 pm. Blear and pleasant: Light-breeze fro hours- from Met last hour. The atomicals in postion continued. Has battalion drill divisional drillo;	EnsignUS.M. m SM first three y of the ship was like quarters- abando
Meris to 4 pm. Blear and pleasant: Light-breeze for hours - from Milt last hour. The Admirals into politic continues . Has battalion drill divisional drills; ship armans aroay all boats and boat drills tion was finished at 3.15 and the Admiral and	Ensign US. M. on SIT first three or of the ship was like quarters- abando in flot illa . The implies staff leff-the ship
Meris to 4 pm. Blear and pleasant: Light-breeze for hours - from Milt last hour. The Admirals into politic continues . Has battalion drill divisional drills; ship armans aroay all boats and boat drills tion was finished at 3.15 and the Admiral and	Ensign US. M. on SIT first three or of the ship was like quarters- abando in flot illa . The implies staff leff-the ship
Meris to 4 pm. Blear and pleasant: Light-breeze for hours - from Milt last hour. The Admirals into politic continues . Has battalion drill divisional drills; ship armans aroay all boats and boat drills tion was finished at 3.15 and the Admiral and	Ensign US. M. on SIT first three or of the ship was like quarters- abando in flot illa . The implies staff leff-the ship
Meris to 4 pm. Blear and pleasant: Light-breeze for hours - from Milt last hour. The Admirals into politic continues . Has battalion drill divisional drills; ship armans aroay all boats and boat drills tion was finished at 3.15 and the Admiral and	Ensign US. M. on SIT first three or of the ship was like quarters- abando in flot illa . The implies staff leff-the ship
Meris to 4 pm. Blear and pleasant: Light-breeze for hours - from Milt last hour. The Admirals into politic continues . Has battalion drill divisional drills; ship armans aroay all boats and boat drills tion was finished at 3.15 and the Admiral and	Ensign US. M. on SIT first three or of the ship was like quarters- abando in flot illa . The implies staff leff-the ship
Meris to 4 pm. Blear and pleasant: Light-breeze for hours - from Milt last hour. The Admirals into politic continues . Has battalion drill divisional drills; ship armans aroay all boats and boat drills tion was finished at 3.15 and the Admiral and	Ensign US. M. on SIT first three or of the ship was like quarters- abando in flot illa . The implies staff leff-the ship
Meris to 4 pm. Blear and pleasant: Light-breeze for hours - from Milt last hour. The Admirals into politic continues . Has battalion drill divisional drills; ship armans aroay all boats and boat drills tion was finished at 3.15 and the Admiral and	Ensign U.S. M. Ensign U.S. M. Straff left the ship Jung Hill Volumen Lieut- M.S. M. Ensign U.S. M. Mill first part;
Merit to 4 pm. Blear and pleasant: Light-breeze fro hours- from Met last hour. The atomicals in postion continued. Has battalion drill divisional drillo;	Ensign US. M. on SIT first three or of the ship was like quarters- abando in flot illa . The implies staff leff-the ship

			Reading		WIND.				BAROMI	ETER.	TEMI	PERA	TURE.	94.4	V	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.				South-	nnw	1			30.08	76	74	74		b	House	10	
2				"	East-	1			30.07		-			*	4	10	
3				4	nac	2			20.07					4	4	10	
4.				*,	4	2			30.07		/	_		0		10	
5				Shyll	North-	1			30.10					*	*	10	
6				Selys		1			30.11					1 m	4	10	
7				686		1			30.11		-				4	10	
8				naby W	nut	1			30. /3		*				4	10	
9				MAN	nnu	1			30./2	-		-		bem	cir.cum	9	
10				201 M W.	21 820	2			30./2		/	/			•	9	
11				Sut	,	2			30.11		_					9	
Noon.				& Why &	Stor	2			30.11	-				4	*	9	
				1					-		-						

Course and distance	e made good since preceding noon by observations,		knots.	tenths.	
	(Latitude by D. R.		0 ,	"	
	Longitude by D. R.		0 ,	"	
Position at Noon:	Latitude by observations of ⊙		· ,	"	
	Longitude by chronometer from Forenoon Observation	ns of ⊙	0 ,	"	
	(Latitude by		· ,	"	
Position at 8 a. m.	Longitude by		. ,	"	
	(Latitude by		0 ,	"	
Position at 8 P. M	Longitude by		· ,	"	
Current during the	time, knots tenths per hour, setting to t	he			
Variation of the C	ompass by Amplitude 🔾 observed at Sunrise, ship's head		0 ,	"	
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset, "		0 ,	"	
Variation of the Co	ompass by Azimuth ⊙ observed at "		· ,	"	
Variation of the Co	ompass by Azimuth ⊙ observed at "		. ,	"	
Water expended du	aring the preceding 24 hours,		0	342 gallons.	
Water	during the preceding 24 hours,			tt.	
Water remaining of	n hand fit for use at Noon,		/2	91 "	
Coal consumed dur	ing the preceding 24 hours,		tons	lbs.	
Coal remaining on	hand at Noon,	THE RESIDENCE	56 " /2	2/0 "	

. M.									
1	2	88W	\$\$ W	1	30.16 76 7	5-70	be	cum	9
2		*	28	1	30.16 76 7	671			9
3	9	8 6 by 8	886	1	30.15 76 76	6 71		1	9
4	,	256	26	1	30.15 76 7	6 71		4	9
5		\$6	East-	3	30.14 75		6	none	10
6		"	686	3	30.14 75-7	5-70	,	4	10
7		4	Gast-	3	30.14 75 7	5-70			10
8		4	,	3	30.14 74 7	3 68			10
9		6 by n	646	2	30.14757		de	circum	9
10	,	16 by 6	East-	2	30.13 77 7			и	9
11		EN6	616	2	30.13 76 7	165	4		9
Mid.		18 by 6	12	1	30.14-75-6	964			9

, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to + am. Bright - starlight - with more last - wor hours Light - air of light - breeze from MM to MW.

4 las am

Blear and pleasant Mily - Light airs from Mit hat hour, then signale as fillows Of to Meg 18. Ordin 5.

8 am to Merity from WSW to SW. A - g so must rect of greater of greater of greater of greater of greater of the more pour than signals:

Merit to 4pm, blear and pleasant Light - airs from 88th to 86. I. 8. 8.

Tallaborer came in and more in ineres having the faces a salute of 13 guns which was answered in since having the faces a salute of 13 guns which was answered in since having the faces a salute of 13 guns which was answered in since having the faces a salute of 13 guns which was answered in since having the faces a salute of 13 guns which was answered in since having the faces a salute of 13 guns which was answered in since having the faces a salute of 13 guns which was answered by Consacola.

4 to 8 pm

Blear and pleasant. Gentli breeze from \$50 and East:

Girl Mid.

Start of Mis.

Lear bright starlight. Light breeze from 6 to Mis.

Lieut-U. S. M.

LOG of the United States Steamer Essex. Al- Montevideo, Uruguay.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	URE.	State of	Forms of	Hear other	ie Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force,	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				116	ME	2			30./6	72	68	63	-	be	cicum	9	
2				ME by M		2			30./3	71	67	63		4	4	9	
3				nnie	1116	2			30./3						и	9	
4				NEbyn		2			30./3	70	65	62			a	9	
5				MUE	North-	3			30.13	70	64	62		4	a	8	
6				*	*	3			30.14	70	64	62			4	8	
7				Horth-	212121	3			30.16	73	66	63		4	4	8	
8				Mal		4			30./8	74	69	64			4	9	
9				nnw	4	2			30./8					le	4	10	
10				North-	a	2			30./8	75	74	66				10	
11				"	4	2			30.18		1			и	4	10	
Noon.					4	1			30.17	76	76	69		4	u	10	

	Course and distance	made good since preceding noon by observation	18,	knots.	te	enths.
		(Latitude by D. R.		0	,	"
		Longitude by D. R.		0	,	"
	Position at Noon:	Latitude by observations of ⊙		0	,	"
		Longitude by chronometer from Forenoon O	bservations of ⊙	0	,	"
		(Latitude by		0	,	"
	Position at 8 a. m.	Longitude by		0	,	,,
otas	Position at 8 P. M.	(Latitude by		0	,	"
	Position at 8 P. M.	Longitude by		0	,	" .
	Current during the t	ime, knots tenths per hour, se	etting to the			
	Variation of the Con	npass by Amplitude ⊙ observed at Sunrise, shi	p's head	0	,	"
	Variation of the Con	npass by Amplitude ⊙ observed at Sunset,	"		,	"
	Variation of the Con	npass by Azimuth ⊙ observed at	"	0	,	"
,	Variation of the Con	npass by Azimuth ⊙ observed at	"	0	,	"
,	Water expended duri	ing the preceding 24 hours,		·	358	gallons.
	Water	during the preceding 24 hours,				u u
,	Water remaining on	hand fit for use at Noon,			933	"
	Coal consumed durin	g the preceding 24 hours,		tons	40	
	Coal remaining on ha	and at Noon,		56 "	8/0	<i>y</i> "

P. M.					,		
1	M by 6	116	2	30.17 77 77 69	be	cir cum	8
2	nn 6	6/16	2	30.16 78 78 70	"		8
3	56	686	3	30.16 77 77 71		"	8
4	S6 by 6	6 1 1	3	30.16 77 77 71	"		7
5	6,8%	Ebys	3	30.15 76 76 72	4	4	7
6	4"	,	3	30.14 76 75 71	"	-	6
7	Gast-	East-	3	30.14 76 75 72	1	-	7.
8	E by M	71 8	3	30.14 78 75 71	",		7
9	716	16	4	30. 13 79 75 69	le	none	10
10	"	4	3-5	30.12 78 71 67	legs	1	10
Mid.	"	"	3-5	30./3 75 70 66	"		10
M10.		"	3-5	30.13 74 69 66	1	-	10

, U. S. Navy,

, 189/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 am.

Lear and pleasant: Morn poor at 200 Light bruge from Mic and

H to 8 am. Lear and pleasant Level to moverate bruge from Mit to

Milly War flags up made doesn't signaler and at 30 time regnal. Rich

on brass for use of each 117klbs with of bright and orgitables and 41bs or orand.

8 am to Meris

Blear and pleasant Light bruge from Mill. Myso proposed of quarters and exercise battollion

Mapid to 4 pm.

Bright and pleasant person to stady, light to genthe bruge from Mil. S. M.

bruge from Mills, EME and pleasant person to stady, light to genthe

bruge from Mills and Busilish light the harbor his the Sa.

Stady of Merit.

Sp. M. S. M.

Stady for Merit.

Sp. M. S. M.

Brage from Mills in more paleasant. Barometer strady. Lind Mills.

Mills to fresh.

Bruge from Mills in more paleasant. Barometer strady. Level to fresh.

Bruge from Mills in more paleasant.

Mills Mills.

Mills to fresh.

Mills Mills.

Mills to fresh.

Mills Mills.

Mills to fresh.

Mills Mills.

Mills Mills to fresh.

Mills Mills to fresh.

Mills Mills.

Mills Mills Mills Mills Mills Mills Mills.

Mills Mills Mills Mills Mills Mills Mills Mills.

Mills Mills.

Mills Mill

LOG of the United States Steamen "Essex" Al- Montenides, Uniquay.

	Readin		Reading	COURSES STEERED	WIND.						TEMPERATURE.			State of	Forms of	Clear oths.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				11.6.	ME	4			30./2	73	67	65		la	winb	10	
2				6116	"	3			30. //	72	66	64		bc	cis cum	9	
3				ME by M	4	3			30.11	71	65	-63			*	9	
4				40	MME	3			30.11	71	65	64		u		9	
5	33			116	4	3			30.14	68	66	64		*	×	9	
6				4		4			30.14	67	67	65		*	и	9	
7				"	4	4			30.14				-	4	*	9	
8				M6 byll	4	4			30.16		/			Im	4	9	
9				11116	и	4			30.16	72	72	67				9	
10				4		4			30.14	1		/		,	*	9	
11				4		2			30.14	75	77	70			*	9	
Noon.				a		2			30.14	76	79	71			,	9	

	Course and distance	made good since preceding noon by observation	ns,	knots.	t	enths.
		(Latitude by D. R.		0	,	"
		Longitude by D. R.		0	,	"
	Position at Noon:	Latitude by observations of ⊙		0	,	"
		Longitude by chronometer from Forenoon C	Observations of ⊙	0	,	"
		(Latitude by		0	,	"
	Position at 8 a.m.	Longitude by		0	,	"
*		(Latitude by		0	,	"
	Position at 8 P. M.	Longitude by		0	,	"
	Current during the t	ime, knots tenths per hour, se	etting to the			
	Variation of the Cor	upass by Amplitude o observed at Sunrise, sh	ip's head	0	,	"
	Variation of the Con	npass by Amplitude ⊙ observed at Sunset,	"	0	,	"
	Variation of the Con	npass by Azimuth ⊙ observed at	u	0	,	"
	Variation of the Con	npass by Azimuth ⊙ observed at	u	0	,	"
	Water expended duri	ing the preceding 24 hours,		U	37	gallons.
	Water Distill	during the preceding 24 hours,			705	"
		hand fit for use at Noon,		1/2	290	u.
	Coal consumed durin	g the preceding 24 hours,		/ tons	1/30	" " " Ibs.
	Coal remaining on ha	and at Noon,		54 "	191	5 "

P. M.								2000		
1	North-	North-	1	30./2 70	8/	72	6	none	10	
2	East-	3,6	3	30.11 7	F 80	74	be	cum	9	
3	686	686	3	30.08 78	78	72		*	9	
4	4	4	3	20.07 7	7 76	72	"	4	9	
5		A	3	30.04 7	7 76	72	a		9	
6	"	*	3	30.04 78	76	73	"		7	
7	"	^	3	30.02 7	9 77	73	ben.	circum	6	
8	6 by M	ENE	2	30.02 81	77	73		cum	7	
9	116	116	3	30.04 8.	2 77	73	4		9	
10		"	3	30.05 81	75	7/	"	4	9	
11	1116	1116	4	30.06 80	74	69	*		8	
Mid.	•	"	4	30.06 78	73	69	4		8	
CI SIKE IN					The same					1

Mid to 4 am.	1
Mid to 4 am. blear fine weather, moderate to gentle bre	Ege from 16 ans 11/6.
Distilling.	1201 01
Hos am. blear and pleasant. Dente lo moderate bromered coaling ship at 5:30 Ships draft - 12'8" for Ree'd about 57 lous during watch. Distalling. 8 am to Merid Bright - and warm. Barometer stea	1. Kay Masun Fald.
4 /08 am.	Gusian U.S. H.
blear and pleasant- Sentle To moderate bro	Egg from MME. Com.
menced coaling ship at - 5:30 Ships - draft - 12'8" for	r's 8 14 4" anies 16 'oo'aft.
Reed about sy lotes during watch. Distalling	
· ·	John iem
8 am to Meris	Lieut-11.8.11.
of Bright-and warm. Barometer stea	Sy Mose Rate to light-
breege from MME. Coaling ship.	
Sam to Meris Bright-and warm. Barometer stea briege from MME. Loaling ship. Meris to 4 pm. Blear fine weather light-airs from John SE and ESE. Timished coaling, having per Joh coal. Made signal to T.M. S. Tramble, in obis	A. Murlon
Merit to 4 pm.	Licut-2.8. N.
Clear fine weather light- airs from	Noth and gentle breeze
from SE and ESE Timished coaling, having rece	cives in all 1/8 3/10 lons
I of coal . Made signal to T.M. S. "Tramble" in obe	sience forvero-from
Pensacola International code Thanks; it is very Kin	of you to sensinvita
Pensacola International cook Thanks; it - is very kin Jion . Captain Pensacola! Deaft of ship for's 13's; amis	14/19" aft-16'50".
1 S . W	Ila Mar till.
46-8 pm	Edsign U.S.N.
from ESE. Misty to Sid and Ed.	g slowly Lendli briege
from ESE. Misty to Sid and Ed.	
	J. Mulev
8 pm to Midnight. Dear hine gentle briege from fires in a. Boiler for Midlling.	Lieut- 2. S. M.
blear fine gentle breege from	Mo and MME. Started
fires in a. Boiler for Mistelling.	IND of Still
	1. My Mass litt.
	Eneign U.S. N.

			Reading		WIND.				BAROME	ETER.	TEM	ERAT	TURE.	State of	Forms of	Clear oths.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				71716	nn6	3			30.05	77	72	69		le:	cum	8	
2				",		3			30.05	76	71	68		-1	~	8	
3				Mby &		3			30.04	1				м		8	
4				1,		3			30.04	1	/			*		9	
5					4	4			30.04							9	
6				MME	"	3-5	•		30.04		1	1		bene	cir cun	1	
7				"	4	3-5	-		30.00	1	- /	/		и	-	8	234
8				"		3-5	-		30.05	1	1			4		8	
9				Morth.	North -	3			30.07	76	76	70		be	-	7	
10				M by W	Il by W	2			30.07	77	78	72			cum	8	
11				11 31 20	1,	2			30.07	78	80	73		*	4	6	
Noon.				"	MAW!	2			30.05	79	81	74		4	cir cum	. 5	
										/		-			-		

Course and distance	made good since preceding noon by observations,		knots.	t	enths.
	(Latitude by D. R.			,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Obse	ervations of ⊙	0	,	"
	(Latitude by		0	,	"
Position at 8 a. m.	Longitude by		0	,	"
A	(Latitude by		•	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the t	ime, knots tenths per hour, setti	ng to the			
Variation of the Con	ppass by Amplitude ⊙ observed at Sunrise, ship's	head	0	,	"
Variation of the Con	npass by Amplitude ⊙ observed at Sunset,	u	0	,	"
Variation of the Con	npass by Azimuth ⊙ observed at	"	0	,	"
Variation of the Con	pass by Azimuth ⊙ observed at	"	0	,	"
Water expended duri	ing the preceding 24 hours,		0	770	gallons.
Water Distill	led during the preceding 24 hours,		8	95-	"
Water remaining on	hand fit for use at Noon,		12	15-	"
Coal consumed durin	g the preceding 24 hours,		/ tons		
Coal remaining on h	and at Noon,		171 "		
			1		

P. M.						
1	nnal	North-	2	30.01 81 82 75	be	eir dr 5
2	56	"	1	29.99 81 83 75		. 4
3	NE by E	\$6	1			4 3
4	Elgs	4'	1	29.97 79 80 76	,	. ,
5	Edst-	636	2	29.96 79 81 74	ae	cum str o
6	,",	6716.	3	29.95 83 80 75	4	" 0
7	Eby &	"	3	29.95-82 80 75		" 0
8	686	1/6	2	29.95 83 80 75	oelt	" 0
9	South-	\$871	2	29.95-80 19 75		" 0
10	nnul	South-	3	29.95 50 77 74		* 0
11	686	3,88	2	29.95-80 77 74	*	". 0
Mid.	NNE	nE	2	29.95-81 78 74	•	" 0

, U. S. Navy, , 189/ .

Mistot am.
Mis to 4 am. Clearant pleasant. Lenth breeze from HE. Distilling. 4 to 8 am Bright and pleasant. Barometer stray Lenth to fresh breeze from MM. Chat to fresh breeze from MM. Chat to Lin Austre and exercised his Joreno: 12 dis praty in 2.88 2 2 16 18 2.19, Mar single Provo Sis 2.22, Engralo: Distilling. Merit to 4 pm. Cactially clouby. Light-air: and breeze: from North and
Security of Many
11/-a
4 lo 8 am Onsign a. D.M.
, Bright and pleasant. Barometer steady . Dente to fresh breeze
from MME.
1911.
Sint 1/2 1/
2004 1- M . C
& am to meres of 1 - 1. 1. 1 1 man a B 1 1
Olegr frie weather light-breeze from MMW. Weat-to Den Guarter
and Exercised the dorent 1st Six peacy in 2. 88, 2 m Six 2.28, 3 this 2.19, Mar Six 2.16
Powo Six 2.22, Engr dir 1.50 Marine Guard 1.42, Pay Defol- 0.57, Surg dir 1.40.
Made rubine wands. Di-tilling
Me Rom Man Feld
Merit to 4 pm. Cartially clousy. Light-air: and bruges from North-and SE. At-1.05 flagohip mate sig. 2984. Distilling. O.D. Stone 4 pm to 8pm. Ensign U.S.M. Ensign U.S.M. Fril 6. Bar. falling. Liberty party petutines. The Man falling Liberty party petutines. Spin to Mid. Ensign U.S.M.
Meres to 4 pm.
Vartially cloudy. Light aus and breezes from North and
26. Ul- 1.05 flagolifo mate sig. 2984. Distilling.
f (1) Stone
4 by 1-8 by .
John to offen.
1-11: D'enerally overcast and very hot, light-to gentle briege from 680
to 16. Bar falling diberty party returned. 100
1. Tin Man Fall.
Form to Mid Epision U.S.M.
Overcast and cloudy with them der and light river Light
1. 1-1-10 P. 11-1: 1 . 11: 1 . 2 & \$ 11 7 11-18 8 2 . 918
Sport to Mid. Overcast and cloudy with thunder and light ning Light- pain fist-hour Light-to Gentli bringe from & St. North & Sex ME. Distilling. O. M. Stone Ensign U.S.M.
Distilling.
J. M. Stone
Ensign U.S.M.

LOG of the United States Stramer Essex"
Al- Montevideo, Uruguay.

			Reading		WIND.				BAROMETER	TEM	PERA:	TURE.	State of	Forms of	Hear this.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. There att'd	Air, Dry Bailb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Mby E	nnzk	1			29,94 81	77	73		och.	cum of	-0	
2				1.		1			29.92 81	77	73		4	4	0	
3				Il by W.	SW	1			29.91 80	76	73	-	4		0	
4				14	*	1			29.92 78	76	73		0. c.l.1.		0	
5				628	25%	2-4			29.92 78	74	72		o.c.l.d.	cum nun	40	
6				86	\$6	3			29.92 74	A 72	70		oc	,	0	-
7				286	888	2			29.93 74	172	70		be	-	1	-
8				& Eby&	\$6	2			29.93 73	72	70		4	cum nin	2	-
9				38	656	/			29.93 76	73	71		и	4	4	
10	100			u u	0 4 3 5	/			29.94 76	75	72		и	circum	6	-
11				WSW	88W	1			29.94 76	76	73		K		6	1
Noon.				NW.	W.SW.	2			29.9577	76	73		"	4	6	

Course and distance	made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.		,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ⊙	0	,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"	
	(Latitude by	0	,	"	
Position at 8 a. m.	Longitude by	0	,	"	
Position at 8 P. M.	(Latitude by	0	,	"	
Position at 8 P. M.	(Longitude by	•	,	"	
Current during the	time, knots tenths per hour, setting to the				
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	•	,	"	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0	,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at "	•	,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at "	•	,	"	
Water expended dua	ring the preceding 24 hours,		348	gallons.	
Water Distill	during the preceding 24 hours,		203	"	
	hand fit for use at Noon,		2070	44	
Coal consumed duri	ng the preceding 24 hours,	/ to	ons 66	o lbs.	
Coal remaining on h	nand at Noon,	170			

P. M.							
1	SW by &	2824	2	29.97 76 76 73	be	circum	8
2	Stat	South-	2	29.97 76 76 73	4	4	6
3	Sby 6	"	3	29.97 77 76 72	4	4	6
4	236	286	3	29.97 77 76 72		4	6
5	"	4	3	29.96 76 75 72		4	6
6	"		3	29.96 76 75 72		-	7
7	. "	•	2	29.97 75 72 69	44	4	8
8	"	256	2	29.97 76 72 69	.,	-	9
9	686	686	3	29.98 74 71 68	6	nous /	0
10	686	11	2	29.99 74 70 67	be	cum	9
11	0'4	u	2	29.99 74 70 67	4	4	9
Mid.	56	4	3	30.01 75 69 67			9

Mid to 4 am. Owncast: Light - airs - from MM W. first - fast - fr. Light-ning around the horizon. Diotant-thunder . Rains 4 to 8 am.	
Overcast - Light - airs - from MM Il. frist - fast - for	om Sill latter part-
Lightning around the horizon. Distant thunder . Rding	ing last hour. Distilling
	Jung Hullolman
4 to 8 am 11-1. 11-1	Lieut-71.8.11.
Jain part of the some the pest-overcost. Light	to morepati bruge
from S&E to ESGE. Made portine signalo: Distilling.	MRJ. Mass Full
8 am to Meris.	Endignill. S.M.
blear and pleasant . Light-airs and breeges from	886,88W ms 1180
al- 9.00 flagship mate sig 1017 aired bedding, al-9.45 what spor	utina sig at-11.30 flagsly
U- 9.00 flagohip mate sig 1017 aired brothing, at 9.40 mate por mate hig 2240. By order of bomog. Office on precommendate	tion of Examining Board
appointed for that purpose for Junt U. R. Brown R. Post	-and M. D/Eveno Idaly
were notic to Sea apposed. The Comog Officer inflicted	the following punishme
D. Parker Los) Shirking his duties and absenting himself	toithout authority from
the W. Room at dinner - 4 anchor watches : Jos. Der	yer (6/1) Dunk on duty
on board ship - reduced to 4 - class, fas: Sundingham	- (Ch.Mr.) Veturning from
liberty drunk and unfit for duly - reduced to 2nd	and In Stone
Maris Lo-400	Engine 11 & VI
bless and pleasant Sight to asself bresses	from & Still to South
Meris to Hom. Clear and pleasant: Light-to gentle breeze Distilling. Sent-a liberty party-ashore.	
+ 0 +	Jung Fels/ Kolman
4/08 pm.	, Lieut-21. S. M.
blear and pleasant Light and gentle b	regro from & & E.
The Opagilian Junboal- Surels - lift - the harbo	0211-
2 1 1- 211: -	P. M. Stone
Hospen. Hospen. Blear and pleasant Light- and gentle b. The Brazilian Junboat - Turns left-the harbo Som to Mis. blear and pleasant. Lentle to light-	Jonsigna D.M.
Dear and pleasant. Finhe to light-	Greege from 606.
	Lieut-U.S.M.
	VIEW. 0.00.01.

LOG of the United States Steamen Essex, 3 de Rate,

Al- Montevideo, Uniquay.

										4	-	_				-	-
			Reading		WIND.				BAROME	TER.	TEMI	ERAT	TURE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				East-	East-	2			30.00	74	69	66		be	cir cun	68	
2				67.6	4	2			29.99	74	169	66		"		9	
3				716 by 6	6N6	2			29.99	73	68	66			4	9	
4				Mby 6	116	2			29.99	71	68	66		1	-	9	
5				J _n	4	2			29.99	/	1,	,		j	*	9	
6				4.6.1	4	2			30.00	70	66	65		bezu	*	9	-
7				nnE	*	2			30.00	72	68	66			1	9	-
8				1 0	10	2			30.01	12	70	68		,		1	-
9				\$6	00	2			30.01	73	12	69		1	Mone	10	
10					4	2			30.01		/	1	-		4	10	
11					"	2			30.02				-	4	"	10	
Noon.				East-	-	2			30.02	74	73	68		*	"	10	
																	-

Course and distance	made good since preceding noon by observations,	knots. tenths.	
	(Latitude by D. R.	0 / "	
	Longitude by D. R.	0 1 11	
Position at Noon:	Latitude by observations of ⊙	• , ,,	
	Longitude by chronometer from Forenoon Observations of ⊙	0 / _ //	
	(Latitude by	0 / //	
Position at 8 a. m.	Longitude by	0 / //	
	(Latitude by	0 /- //	
Position at 8 P. M.	Longitude by	0 / //	
Current during the			
	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //	
	mpass by Amplitude ⊙ observed at Sunset, "	0 / //	
	mpass by Azimuth ⊙ observed at "	0 / "	
	mpass by Azimuth ⊙ observed at "	0 , ,,	
	ring the preceding 24 hours,	338 gallons.	
	led during the preceding 24 hours,		
		7/3 " 2445 "	
	hand fit for use at Noon,	/ tons /360 lbs.	
	ng the preceding 24 hours,	/68 " /390 "	
Coal remaining on l	and at Noon,	168 " 1090 "	

P. M.					1	
1	Gast-	886	3	30.02 74 73 68	62	cir of g
2	1	"	3	30.02 74 73 68	4	4 9
3	EM6	4	3	29.99 75-74 69	*	. 9
4	16.	*	3	29.97 75 73 68	6	20012 10
5	6116	6716	3	29.96 74 74 69		" 10
6	Eby 11	EbyM	3	29.97 75 74 69	be	cir cum 8
7	SE by E	East-	3	29.97 76 73 68	*	4 4
8	E. by &	"	3	29.97 78 73 68		. 4
9	688		3	29.96 7673 68		" 5
10	6716	"	3	29.96 76 72.67	a	." 5
11	nnE	116	2	29.97 76 70 65	*	4 5
Mid.	716	"	2	29.97 2 6964		" 5

Mid lo 4 am.	
Med to 4 am. Stear and pleasant. Light-breeze from the 8 am.	m Cast-to-ME.
Disting,	Atribuer
4 6 8 am.	Lieut-U.S. H.
blear and pleasant: Light - breezes from	~ N.E. al-7.00 flagshelp made
uniform signal as follows aff 15, MEg. V Poon.	RECEIVES in Pay Dept-
uniforme signal av follows aff 13, Meg. & Poon. * 117/2 lbs from bref and vegetables and 94 lbs fresh and hauled fixed	bread. Stopped destilling
and hauted fired	0
8 am to Meris of	J Cusign U.S. M.
manding Officer inspected the ship with the	from 86. Ul 930 the Com
manding Officer inspected the ship with the	ener at quarters. Ut 10.000
had general muster and read the articles for	The letter government of.
the Mary, and general orders to date. Into.	Singree (Ldo) returning
from liberty dunk and disorderly was put-	ne double irons for safe
I Kerping. al- 9.45 made poutitue signals:	V -16.1/1
Mes: 5 1= 11 day	Jung Flort Johnan.
mone to Fight.	8 2 8 . M.
Oceasani newn er. Desille ove	Te from 600
4 1 = 5 4 201	Sill-7/25 3/
Alastina ora South bresse	696 1-6-1-
Section of the series of the series	from On O to Casi.
Jo Singres (and) now pericase a from to	Gund Linkston
8 pm to Mid	Just -1/8.71.
Bright - starlight - with - base	ing clouds: Gentle
Merio to 4 pm. Oleasant weather Sentle breege Ho 8 pm. Clouding over Sentle breege Jos. Tingree (Ldo) was released from co 8 pm to Mid. Bright starlight goith pass Lo light breege from East to ME.	
	Tyrilms
	Lieut-U.S. N.

LOG of the United States Steamer Essex"
Al- Montepideo, Uniquay.

			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Clear Oths.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				n.E.	116	1			29.97	74	67	63		be	circun	4	
2				North-	MME	2			29.98		66	1		4	4	6	
3				"		3			29.97	72	66	63		4	4	5	
4				, ,	,	3			29.97	71	65	62		4		6	
5				Mby 6.		2			29.97	70	63	62		•	strain	na 4	
6				Morth-	North-	3			29.99	70	65	62		,	4	3	
7				"	"	3			29.99	69	66	63		u	4	2	
8				"	"	3			30.01	70	68	64		4	4	2	
9				South;	MMM	3			30.01	71	70	63	-	4	"	4	
10		-		250	nn	3			30.01	70	74	66		A	cir cun	18	
11				6116	811	3			30.01	74	74	67	-	4	4	9	
Noon.				ME by M	8811	2			30.01	75	75	-69		"	4	7	1
											-			-			

Course and distance	made good since preceding noon by observation	ons,	knots.	tenths.	
	(Latitude by D. R.		0	, "	
	Longitude by D. R.		o	, ,,	
Position at Noon:	Latitude by observations of ⊙		•	, ,,	
	Longitude by chronometer from Forenoon	Observations of ⊙	0	, ,,	
7.0	(Latitude by		۰	, ,,	
Position at 8 a. m.	(Longitude by		0	, ,,	
	(Latitude by		0	, ,,	
Position at 8 P. M.	Longitude by		۰	, ,,	
· Current during the	time, knots tenths per hour,	setting to the			
Variation of the Co	ompass by Amplitude ⊙ observed at Sunrise, s	hip's head	۰	, ,,	
Variation of the Co	empass by Amplitude ⊙ observed at Sunset,	"	0	, ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at	u	۰	, ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0	, ,,	
Water expended du	ring the preceding 24 hours,			336 gallons.	
Water Distli	led during the preceding 24 hours,		_	"	
Water remaining or	hand fit for use at Noon,			2/09 "	
Coal consumed duri	ing the preceding 24 hours,		tons	2/09 " s 400 lbs.	
Coal remaining on l	hand at Noon,		/68 "	990 "	
				/	

P. M.	203	0870			1		
1	686	\$8M	2	30.00 75 75 71	be	cir.cum 9	
2	16	South,	2	30.00 75 76 71		1 9	
3	MAE	8,6	2	29.99 75 76 71	"	* 9	
4	116	4	2	29.98 76 76 72	×	4 9	
5	nne	,	2	29.95 76 75 70	н	" "	
6	4	East-	3	29.95-77 77 71		" 6	1
7	ME EME		3	29.96 78 76 70	u	* 5	
8	6116	116	2	29.96 78 75 69	la	2012 10	
9	686	"	3	29.97.78 75 71	be	circum 9	
10	. "	"	3	29.98 78 74 71	1	× 9	
11	EME	*	4	29.98 78 73 70	6	ning 10	
Mid.	EN E NE by E	north-	4	29.98 76 72 67		. 10	

, U. S. Navy,

Mid to 4 am. a	
Mid to 4 am. blear and pleasant: Barometer steady breeze from ME and MME.	y Light- to gentle
brigge from MG and MMG.	
11 t = 8 a 4 1	of Theyolen
H to 8 am bloudy . Sentle breeze from MME to Morth made dress signals: At-7.15 page 5-453: At-7.30 time and vage lables and gt lbo- freas.	Liebet-U.S. M.
made dress signals: At 7.15 brok 5-455- At 7.30 time	· al flagorup
al-7.30 loosed sail. Reid on board for use of crew 117.	1/2 lbs - each briok beer
and vege lables and gt lbs freat.	
	Live Lin John om
8 am to Merid bear and pleasant- Sentle bree & \$20. Of g.30 inspected at quarters and has di	Lieghtl. S.M.
Sall 11- 130 her fall of Easant - Sently bree	ge from MM . to
Dow. W g. so inspected at quarreno and had de	ristonal Exercises
Merid 1-4 sm.	Lieut-U.S.M.
Bright and pleasant barometer	steady Light
briege from S'd. Burled sail at-1,20	
Merid lo 4 pm. Bright- and pleasant- baronneter briege from &'d. Burled sail at 1/20	, Leut- 1. S. H.
4 10 8pm.	- Leut-11. S.M.
4 to 8 pm. Clear and pleasant- Light-to gentle	brigg from \$6
Le Casi and M.C.	**************************************
8 pm to Mid	Sient-1187
Alear and pleasant barometer	Teady Soulle to
8 pm to Mid. Elsar and pleasant; barometer s moderate freege from ME.	1
	My Therefore
	V511/-/105//

LOG of the United States Steamer Esses"

Al- Montevideo, Uruguay.

1																	-	-
I				Reading		WIND.				BAROME	TER.	TEMI			State of	Forms of	Clear Oths.	he Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
	A. M.				ME.	North-	3			29.97	75	-7/	66		b	tune	10	
-	2				Mby E	4	3			2997	74	69	64		"	u	10	
	3				Morth-	4	1			29.97	73	67	63		4	u	10	
	4				a		2			29.97	72	66	62		u	4	10	
	5				"		3			29.96	71	66	62		be	cirotr		
	6				. ,	u	3			29.97	70	66	62		4	4	8	-
	7.				MbyW		3	-		29.97		68			,	u	9	
-	8				1.	4	3			29.99	72	70	64		bene	4	9	
	9				Morth -	*	2			30.02	74	73	66		6	none	10	
1	10				"	, ,	1			30.02	75	73	67	1	*	4	10	
1	11				116	Calm	0			30.01	76	76	69		и	*	10	
1	Noon.				"	"	0			30.0/	77	77	70		и		10	
1									-	-							-	

	Course and distance	made good since preceding noon by observation	ons,	knots.		tenths.	
		(Latitude by D. R.		0.	,	"	
		Longitude by D. R.		0	,	"	
	Position at Noon:	Latitude by observations of ⊙		•	,	"	
	1. 11. 11.	Longitude by chronometer from Forenoon	Observations of ⊙		,	- 111	
		(Latitude by		0	.,	"	
	Position at 8 a. m.	Longitude by		0	,	"	
	. ,	(Latitude by		0	,	"	
	Position at 8 P. M.	Longitude by		0	,	"	
	Current during the t	ime, knots tenths per hour,	setting to the				
	Variation of the Con	npass by Amplitude ⊙ observed at Sunrise, sl	hip's head	•	,	"	
	Variation of the Con	npass by Amplitude ⊙ observed at Sunset,	u	0	,	"	
-	Variation of the Con	npass by Azimuth ⊙ observed at	"	·	,	"	
	Variation of the Con	npass by Azimuth ⊙ observed at	".	•	,	"	
	Water expended dur	ing the preceding 24 hours,			34	gallons.	
第	Water	during the preceding 24 hours,				• "	
-		hand fit for use at Noon,		/	767	- "	
	Coal consumed durin	ng the preceding 24 hours,		/68 ·	1s 4	Colbs.	
	Coal remaining on h	and at Noon,		168 .	59	90 "	

P. M.	4	1 - 1			,		
1	Cast-	686	2	30.00 78 78 73	be	cir cu,	419
2	SE 146	"	2	29.99 18 79 73	,	4	8
3	ENS	1	2	29.98 78 78 72		,	8
4	Edst-	East-	2	29.96 79 79 72		4	8
5	"		2	29.93 79 78 72		,	8
6	"		2	29.95 78 78 72			8
7	"		2	29.95 81 77 71			9
8	"	,	2	29.96 81 76 72	1		9
9	616	6716	3	29.9680 76 71	6	Honz	10
10	"	n.E	3	29.96 77 75-67			10
11	"	"	3	29.96 74 72 65		-	10
Mid.	116	4	4	29.96 72 71 65		1	10

Mid to 4 am Char for weather, gentle bruge to light air from 11st Expire 1881.

I am to Media and pleasant Scotle bruge from North.

Early 281.

E am to Media and pleasant Scotle bruge from North.

E am to Media and pleasant Scotle bruge from North.

E am to Media and pleasant Scotle bruge from North.

Calmor Cainting spele enside. The Commanding Officer, and from from both from the flowing branches; the C. Bernere with from the first field Bloom have worker for the flowing time of the first with the second from the field Scotle and beautiful. I see Congress the Scotle Bloom what for the fact and second for the form hard and second for the fact and second for the form hard and second for the fact of the form the form of the form the form of the form the form of th

Examined and found to be correct.

le. K. leur M. Laint - Navigator. LOG of the United States Steamer Essex "
At Montevider Uruguay.

			Reading		WIND.				BAROME	TER.	TEME	ERAT		State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Ses
A. M.				on on g	20 20 2	11			0001		, ,	//		1			
1				11110	MME	4			29.96	72	69	64	-	10	none	10	
2				MEby M	"	4	300		29.96	72	68	64		"	-4	10	-
3				, ,	")	4			29.96	72	67	64		bl		10	
4				Horth-	Morth-	3			29.96	7/	67	64		"		10	
5				1	"	3			29.96	71	66	63		bem	cirotr	9	
6				"		3			29.98	69	//	64		4	"	9	-
7				"")	, , ,	3			29.99	7/	68	65		4	4	9	-
8				Mby 6	Mby 6.	3			30.00	72	70	66		4	cir	9	-
9				71716	MME,	3			29.99	73	71	67		be	cir cun	29	
10				East-	North-	3			29.99	74	72	67		"	"	9	1
<11				\$\$E	Gast-	3			30.01			-			"	9	
Noon.		5	· A	686	686	2			30.02	-	/			*		9	1
																1	

Course and distance made good since preceding noon by observation	ns,	knots.	tenths.	
(Latitude by D. R.		0	, ,,	
Longitude by D. R.		o	, ,,	
Position at Noon: Latitude by observations of ⊙		0	, ,,	
Longitude by chronometer from Forenoon C	Observations of ⊙	0	, , ,	
(Latitude by		0	, ,,	
Position at 8 a. in. Longitude by		0	, ,,	
(Latituda bu			, ,	
Position at 8 P. M. Longitude by		0	, ,,	
Current during the time, knots tenths per hour, s	etting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise, sh		0	, "	
Variation of the Compass by Amplitude ⊙ observed at Sunset,	"	0	, ,,	
Variation of the Compass by Azimuth ⊙ observed at	"	0	, "	
Variation of the Compass by Azimuth ⊙ observed at	"	0.	, ,,	
Water expended during the preceding 24 hours,			33/ gallons.	
Water during the preceding 24 hours,			garious.	
		11		
Water remaining on hand fit for use at Noon,			436 " 1400 lbs. 1430 "	
Coal consumed during the preceding 24 hours,		tons	1430	
Coal remaining on hand at Noon,		16/ "	//00 "	

P. M.	0 0 0								
1	686	686	3	30.02 75 7	5.69	6	none	10	
2	"	4	3	30.01 75 7.	5 70	"	11	10	
3		"	3	29.98 75 70				10	1
4		1	3	29.96 75 76	0 1	, 4		10	
5	6 by \$	Eby &	3	29.94 76 7.		bem	cir cum	8	
6	"	1,	3	29.92 76 7	70	и		8	
7	*		4.	29.92 76 74	170		4	8	
8	East-	East-	4	29.92 78 74		4		8	
9	"	"	4	29.94 78 7.		*		8	
10	6716	ne	4	29.95-77 7		u		8	
11	Ebyn	"	4	29.95 74 7				8	
Mid.	East-	"	4	29.95 73 70	1			8	
				11/1/	1		1000		1

Mild to 4 am. Shear and pleasant. Mostpate breeges from Mills to Mother and pleasant. Leagle breeges from Morhand Mark. Barron of Mortand Mark. Barron of Mortand Mark. and of the Mortand breeze from Morhand Mark. At Merely and of Mortand Mark. Been sugaged in painting ship Sent-politice signal. Markaen Fill. Orintang ship Sent-politice signal. Sent. Cowige 1882. Orintang ship Sent-politice signal from 6x8 &. Orintang ship Sent-politice signal or from 6x8 &. Orintang ship Sent-politice signal breezes from 6x8 &. Orintang ship Sent-politice signal breezes from 6x8 &. Orintang ship Sent politice signal breezes from 6x8 &. Orintang ship Sent of Mildright. Clear and pleasant Mostpale breezes from 6x1 & M. Markaen Till English Sent of Mildright. Clear and pleasant Mostpale breezes from 6x1 & M. Capinguill & M. Carling Will &

Examined and found to be correct.

le. K. leur mo Laid - Navigator. LOG of the United States Steamer Essex"

Al- Montepideo, Uruguay.

			Reading		WIND.				BAROME	TER.	TEM	PERA	TURE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Heel. Leeway.		Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				E116	EME	3			29.90	-72	69	67		6	none	10	
2				116	418	3			29.94	11	69	66		"	4	10	
3				"	ME"	2			29.93 29.93	/		6.5		- 1		10	
5				ENG	ENE	2				71				be	cir	9	
6						3			29.94	71	69	66			4	9	
8					60.1	2			29.93	74	72	.69		bezu	u	9	
9				M G by M	116	2			29.95	73	74	7/		be	cir cun	1000	
10				Chyl	Gast-	2			29.94	76	75	73				8	
Noon.				86	\$6 by &	3			29.94	77	77	73		,	-	6	
										-							

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	•	, ,,
Longitude by D. R.	0.	, ,,
Position at Noon: Latitude by observations of ⊙	•	, ,,
Longitude by chronometer from Forenoon Observations	of ⊙ °	, ,,
(Latitude by	•	, ,,
Position at 8 a. m. Longitude by	۰	, ,,
(Latitude by	0	, "
Position at 8 P. M. Longitude by	0	, ,,
Current during the time, knots tenths per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head		, "
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0	, ,
Variation of the Compass by Azimuth ⊙ observed at "		, "
. Variation of the Compass by Azimuth ⊙ observed at "	•	, "
Water expended during the preceding 24 hours,		340 gallons.
Water Distilled during the preceding 24 hours,		/35 "
Water remaining on hand fit for use at Noon,		23/ "
Coal consumed during the preceding 24 hours,		tons /300 lbs. " 2/70 "
Coal remaining on hand at Noon,	166	" 2170 "

3 29.93 77 76 72 bezu cum ohi	6
3 29.92 77 76 72 " " "	6
A CONTRACTOR OF THE CONTRACTOR	5
by & 3 29.90 78 77 73 . " 4	4
11- 4 29.88 78 77 73 · cir of - 0	5
3 29.88 77 76 73	8
3 29.88 76 75 72	8
3 29.88 80 73 72 %	8.
2 29.88 80 75 72 be cir cum	9.
5 3 29.89 81 73 71 " "	9
	9
3 29.89 79 73 7/ " " 8	8
3 29.90 76 73 7/ " "	

, U. S. Navy, , 18 9/.

Mid lo 4 am.	
Mid to 4 am. Blear and pleasant- Gentle to light - b	nege from EME to
16.	T divido
Ho 8 am blear fine weather light for gentle. Reid poutine signals: Startes fikes for distilling	Jug Hayraman
Clear fine weather, light - for gentle-	brieze from EME.
Aced poutine sightalo: Startes files for divitillin	9 60 6 6 7:
8 am lamenis.	W. Man Full
8 am lo Merion Blear and pleasant: Light-and gentle lo SE by E. Mustered at quarters - at 9,00 and under gars: Made routine signals-at 9,45 Began di Pay Defot: barrel pork and 2,666- sugar. Merio lo 4,500.	alle breezes drom
16 to 56 by 6. Mustered at quarters - at good an	VEXERCES & Sal-bout =
under ours: Made pouting signals- at 9.46 Tegan di	tilling. Red in
Vay Defot. Toanel Book and 2,00% sugar.	Quan.
Heris to Hom. Blear and pleasant - Sentle breeze from & Thoister the stram launch for repairs to engine and 4 to 8 pm. blear and pleasant - Mister South	Ensign U.S.M.
1. 1- plear and pleasant - Seulle breeze from &	866 686. Distilling
Housted the stram launch for repairs to congine as	no consenser
4 6 8 pm.	Sicul-21 & 2
blean and pleasant. Misty. Sentle	- and mosepate breeze
from Gast: Distilling	0.
8 424 1= MI: 5 - DI-	Sustane 2
blear and pleasant - Sentle-	briese bom East
from East: Distilling 8 pm to Midnight-blear and pleasant: Sentle 10 MG. Distilling.	
	Jana Hell Johnson
	XIEUT. U.D.M.

LOG of the United States Steamer Essex"

Of Montevideo, Uruguay.

								-					-				
			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force,	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				East-	116	4			29.88	75	-73	70		be	cit.cum	28	
2				"		4			29.88	75	7/	69	1	"	" "	8	
3				116		3			29.87	75	70	69		*	4	8	
4				"	40.000	3			29.87	75	70	69		4	4	9	
5				200000	11/16	3			29.87	73	70	69		,	4	8	
6				ME by M.	4	3			29.87	73	71	69		bezu	4	8	
7				71 91 8	"	3			19.88	74	72	70		,	4	8	
8				1116	"	3			29.88	76	75	71		,	"	6	
9				M by 6	,	3			29.87	79	18	74		be	4)	6	
10				20 20 8	4	2			29.87	79	80	75		"	~	6	
11				11/10	nne	2			29.86	80	87	75		•	4	8	1
Noon.				6/1/6	1116	3			29.85	81	02	10		*		6	

Course and distance	made good since preceding noon by observation	ıs,	knots.		tenths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	,,	
Position at Noon:	Latitude by observations of ⊙		0	,	"	
	Longitude by chronometer from Forenoon C	Observations of ⊙	0	,	"	
	(Latitude by		•	,	"	
Position at 8 a. m.	Longitude by		•	,	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		0	,	"	
Current during the	time, knots tenths per hour, so	etting to the				
Variation of the Co	mpass by Amplitude o observed at Sunrise, sh	ip's head	0	,	"	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset,	и	0	,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0	,	"	
Variation of the Co	mpass by Azimuth O observed at	"	•	,	"	
Water expended dur	ring the preceding 24 hours,			338	gallons.	
Water Dist	during the preceding 24 hours,		11	1/3	"	
Water remaining on	hand fit for use at Noon,				"	
Coal consumed duri	ng the preceding 24 hours,		/ ton	s 60	o lbs.	
Coal remaining on l	hand at Noon,		/65 "	15	-/0 "	
' '						

P. M.	62.4	-1 1					1		
1	116	North-	3	29.82 82	82	75	le c	circum	4
2	6118	East-	3	29.77 83	83	77	4		4
3	East-	Gast-	3	29.7482			4	ninb	3
4	686	"	2	29.70 81					3
5	\$ 7	8.820	4-8	29.73 78	- 1		acltor	um K	0
6	SN by W.	SW by Il	3-6	29.75 78				"	0
7	North-	Horth-	./	29.77 79			vell-	4	1
8	,	16	1	29.7781	1 . 1		4		3
9		1	1	29.7981			acl	cum mint	20
10		East-	2	198080			ba	cir cum	1
11	6116	"	2	29.80 78	72	71			
Mid.		u	2	29.81 76			04		

Mid to Ham. Me. Distilling. bright-starlight- Mosepate to	
Also bright startisht - Mr. Son to	1- reallibraces
16. Distilling.	year viege grown
	Toprilue
lagship mate uniform organilo as follows - If Stack in Pay Defot 1/6/4. lbs - heffand orgetable Distilling.	wint. U.S. M.
' I lear and pleasant. Lengte briege	form 1/16. 017.30
Pagonip made uniform organilo as follows - life	16, 11 Eg/8, Joon 15.
Die tilling.	go ur grish orras.
8 am to Meris. Clear and pleasant Sentle bruge to light air	Ensign U.S.R.
Clear and pleasant Fentle bruge to light air	o- from MME. al-g.so
mustered at quarters and hat Sivisional instru	Tione. Ul-9.46 mare
portion signals: a Board of Survey of which	dient- bog roell was
a Board of which Lind- Reso was senior member	
stores in Equipment Distilling,	- came aboard or survey
a Coard of which Lind- Cres- was senior member stores-in Equipment- Distilling.	Jug Istellalman
Meris to 4 pm.	Sind-U.S.M.
Meris to 4pm. Bloudy but pleasant first part, - the ration Wind undrady in force and strection shifting Hoth to SE. Moterale to very light - in force Baron	g fatter part of rogalch:
Wind undrady in force and Strection stiffing	back and forth from
North 10 DO Morerale 10 very light in force. Saron	TH. Miling.
4 li 8 pm.	Lieut-U.S.M.
Mosspali breeze from East-until 4.20 101	hen a heavy squall set in
from 16 shifting rapidly to SM with thurster	lightning and heavy
Spain Sent Sorber Tops gallant masto and tops g.	eflant-yards anotel
Joilus. Soon after for the squallo Sabater to steady	reo under the troo effer
hauling to ME. Too's up the sheet anchor at	1-4 so the Handlila made
	g full of dust from over
	Jung Wilderman
8 pm to Mid.	Sient-U.S.M.
8 pm to Mid. Sengrally cloudy with moon and of Very light-airo; from 16 to light-brieze from 6 Halled firer from two after boilers: Distilling.	is - accasionally visible
Holes Lise - Lan but the hill of till &	ad. igstning forst stour
June July Jon on you source. Delicery.	# Altrieur
	Lieutell. S.M.

Examined and found to be correct.

le. K. Seur 25 Zair C. Navigator.

LOG of the United States Steamer Ever . , 3d Rate,

M- Montevider, Uraquay.

								1					-			-	-
			Reading		WIND.		BAROMETER.			R. TEMPERATURE.			State of For	Forms of	orms of Clear	le Sea.	
Hour.	Knots.	Tenths,	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Force. Heel.	Heel. Leeway.	Height in inches.	thes. Air, Wet Bulb. Surface.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea		
A. M.				E by 21.	71 E.	2			29.80	75	-72	7/		oca	nine	0	
2				Shill.	WMM	3-5			29.80	75	72	7/		ac pla	. 4	0	
3				7157	20201-	4-5	-		29.80	75	70	67		"		0	
4					"	4			29.80	76	71	67		bel	*	4	
5		193		Shoyh	71311.	3-5			29.81	70	-67	64		acg.l.	cum nin	44	
6				11511		3-5	-		29.82	73	67	64		begg	4	1	
7						4			29.84	73	66	62		be	4	3	
8					*	4			29.85	-69	66	62		4	a	7	
9				. 1 0	* .	4			29.83	/	1.			4	*	7	
10				Noy &	Nest.	5			29.86	1		,	-	•	4	8	-
11				West-	4	5			29.80					4.	4	8	
Noon.				"		5			29.80	73	72	60		4		9	
hamad							-								-	-	-

Course and distan	ce made good since preceding noon by observations,	1	nots.	tent	hs.
	(Latitude by D. R.		0 1	,	,
	Longitude by D. R.		0	, ,	,
Position at Noon:	Latitude by observations of ⊙		0	,	,
	Longitude by chronometer from Forenoon Observations of	f⊙	0	, ,	,
	(Latitude by		0	,	,*
Position at 8 a. m	Longitude by		0	,	"
	(Latitude by		0	,	"
Position at 8 P. M	I. Longitude by		0	,	,
Current during th	e time, knots tenths per hour, setting to the				
Variation of the C	Compass by Amplitude ⊙ observed at Sunrise, ship's head		0	,	"
	Compass by Amplitude ⊙ observed at Sunset, "		0	,	,
Variation of the C	Compass by Azimuth ⊙ observed at "		0	,	"
Variation of the C	Compass by Azimuth ⊙ observed at "		•	,	,,
Water expended d	luring the preceding 24 hours,		0	358 g	allons.
Water Distil	Us of during the preceding 24 hours,		9	77	«
Water remaining	on hand fit for use at Noon,		262	0 -	"
Coal consumed du	uring the preceding 24 hours,		tons ,	600	lbs.
Coal remaining on	n hand at Noon,	163	"	910	"
			/		

. M.						1		
1	57	West-	5	29.84	74 72 66	0	nous	10
2	1157		6	29.83	74 73 66	*	4	10
3	7/201-	Wby n	4-6	29.82 7	75 74 66	*	4	10
4	1 by S	1.	4-8	29.80	76 75 67	6pr		10
5	Thy n	West-	4-8	29.78 7	76 76 66	beg	cum,	9
6	11/11/11		4-8	29.78	77 76 67	4	4	9
7	•	4	4-6		19 76 68	*	9	9
8	5/1	71871	4-6	29.80	79 76 68		4	9
9	"	,	4-6	29.83	78 75-68	4		9
0	4	4	4-7		78 74 67	"		9
11	787		4-7	29.85	78 73 66	"	"	9
fid.	"		4-7	29.86	77 72 65		-	9

Mid to 4 am.	
Mid to 4 am. Overcast- baronneder steady frequent clearing last-hour wind variable in force and from Will, gentle to fresh.	- lightning about -
dearing last-hour wind variable in Sores an	o direction thous as we all
from Will gentle-to-besh.	July generally
	1 There -
4 to 8 am.	Lied-U.S.M.
Cleaning weather . Sentle breeze with stiff	squally, first part from
WSW. Moderate brage from WSW latter part: Ul-7.00	Hagolich made dress signals
and at 7.50 time signal. Distilling.	
How to sam blearing weather Sentle breeze with stiff WST. Moderate breeze from USN latter part: Al-7.00 and of Meridy	Juglot Wholman
8 am to Merity	1 Lieut-U. S.M.
Clear and pleasant over head. Stiff	breeze from West Morean
8 am to Merio. Blear and pleasant overhead. Stiff sea. At 9.00 flagohifs made Essex 6/44 and ge routing signals and gent sig 4886 and sel 940 ansporred aft. Started fire under one boiler. with out leads. Distilling.	n 1817. Ul-9.45 made
routing signals and gent, sig 4886 and Igl 940	9.2356 x 1408. Pensacola
ansporred aff. Started fires under one boiler.	I. J. Falvey (6/4) absent-
with out leads. Distilling.	
	J. Frien
Merid to Hpm.	Lieut. M.S.A.
Merio to HpM. Bright and pleasant - Mind from in force from fresh breign to moderate gale more frequently toward the of watch: Barbonet sheet chain to moorings spoised leading	a Med to Mby M. varying
in force from fresh breize to moderate gale	with lulls occuring
more requestly forward the of watch: Barbonet	I falling. Bent to fur -
sheef thain to moorings soverel leading	Sit-through stor Theet-
haver pipe. Straning wheat slowly to pe	leeve strance on cable.
	11 1 lewin
4 6 8 pm. 1 -11	Q X1811. 1. 1. 1. 1.
Ho 8 pm. blear and pleasant-moverate briege with squalls. Timo varying in direction from May	1 1-2 1- 1- 1- 1-
squalls Timo varying in direction from Hoy	1. to Mest prot-while hours
and shifting to 18 81. last hour Singines -	Jurning over ahead
very storoly. Stopped distilling. alt4.10 ser	y down topogallans
yakto-and masto- in obediester to signal fr	om flagories.
8 pm 1 - 111:5	201,111.4
Spin to Mis. blear and pleasant, bright-in pising wind in moderate and heavy ogu Engines- furning slowly to pelicive the st.	Clean 01.201.
ciaire di sur ans pleasant, bright - un	In light varometer
Lang to in more pare and plany of	aus from from.
pagence surning storoly to perces the so.	De 1
	Lieut-2. S. M.

Examined and found to be correct.

le . K . Leurson Zanit - Navigator.

LOG of the United States Steamer Essex". Of Montepideo, Uruguay.

	Reading			WIND.				BAROMETER.		TEMPERATURE			State of	Forms of	Clear Oths.	he Sea.	
Hour.	Knots.	Tenths.	of COURSES STEERED Patent by Standard Compass. Log.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea	
A. M.				STOLYT	W.SW.	5:7			19.86	75	70	63	-	fg	noue	10	
2					*	5-7		- 1	29.86	74	68	66	-	9	4	10	
3				u		5-7			29.85	74	69	66		4	*	10	
4					4	3-7			29.86	73	67	66		, 4	4	10	
5						1=7			29.87	71	67	66		beg	cum	9	
6						46			29.89	70	67	64			cum	5	
7						4-6			29.91	70	67	63		r	4	5	
8					*	4-6	-		29.90	70	67	63		*	cum	J	
9					u .	46			29.94	171	66	63		be	cir cum	.3	
10				1	*	4-6			29.97	71	69	64		,	4	3	
11						4-6			29.98	-	1	1		•	*	4	No.
Noon.				SW.	218	4			29.99						- "	6	

Course and distance	made good since preceding noon by observation	ns,	knots.		tenths.	
	Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of ⊙		۰	,	"	
	Longitude by chronometer from Forenoon C	Observations of ⊙	0	,	"	
	(Latitude by		0	,	"	
Position at 8 a. m.	(Longitude by		0	,	- "	
Position at 8 P. M.	(Latitude by		•	,	."	
Position at 8 P. M.	(Longitude by		٠	,	"	
Current during the	time, knots tenths per hour, s	etting to the				
Variation of the Con	mpass by Amplitude ⊙ observed at Sunrise, sh	ip's head	•	,	"	
Variation of the Con	mpass by Amplitude O observed at Sunset,	"	0	,	"	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	•	,	"	
Variation of the Cor	mpass by Azimuth O observed at	"	•	,	"	
	ring the preceding 24 hours,			342	gallons.	
Water Dio ti	Uzf during the preceding 24 hours,			687	"	
Water remaining on	hand fit for use at Noon,		20	20	"	
"Coal consumed duri	ng the preceding 24 hours,		5 tor	s 20.	20 lbs.	
Coal remaining on h	and at Noon,		157 "	1/3	0 "	

	The state of the s		7			The same of the sa
P. M.					,	
1	Sul	SW	4	30.02 74 72 66	be	cicum 6
2	\$324	1 ~ 1	4	30.02 74 72 66	4	. 7
3	"	\$820	4	30.02 75 73 67		" 5
4	Sby Zel	•	4	30.02 74 73 68		. 4
5	Sly 6	4	4	30.01 76 72 67		. 6
6	386	South-	3	30.02 75 73 68		4 9
7	Shys	"	3	30.03 77 73 68	6	none 10
8	" ("	2	30.04 77 73.68	be	cum 9
9	56	"	2	30.04 78 73 68	6	cune 10
10	,		2	30.05 78 73 68		" 10
11	East-	4	2	36.04 77 73 68	de	circum 8
Mid.	MAZV.	n	2	30.06 75 71 68		- 8

Mid lo 4 am,	
Clear fine weather so	tilf to very strong breeze from 187.
Ship rising Easily Moderate pans	Jour Slowing . Engines turning W. Ry Maan Fild.
over and making boundy (20) turns	in the first the
	W. Ky Mason Fuld.
4 lo 8 am.	England U.S.M.
blear first-hour blond	but pleasant las I there hours.
More rate orse de from WSW with	- frequent shows squallo Engine.
Morzalz brief from blowd Thorzalz briefs from It & N will turning over slowly about 17 hund vegetables - and 93 lbs - bread in O.	1: Orcid 16"4 lbs- fresh beck 16/4 lbs-
vegetabler - and 93 lbs - bread in O.	ay Dept.
,	
8 am to Merit.	Sient 21. 8. M.
Lear and pleasant. blo	usy at times: barons eter rising,
steady. Moderate to trush breeze from	Westeres of australes of austra
at good . Hoverate to fresh breeze from at good - Sover time have and shifted the sheat chain	us. Took the moving orival of the.
chain and shifted the sheat-chain	to he sheet anchor and I bent the
lower chain. Strang ahrait slow	be to reduce straine on morringo
Cising to port anchor blear hams?	
Cising to post anchor, Blear hanse.	
Cising to post anchor, blear haws?	17 Mendon Ht.
Cising to post anchor, Blear haws?	17 Mendon Ht.
Cising to post anchor, Blear haws?	17 Mendon Ht.
Cising to post anchor, Blear haws?	17 Mendon Ht.
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 40 fms on each cha	orate freeze from Sill and S.M. at from the pref, using the engines- eine blear hause W. Pathran Till
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 40 fms on each cha	orate freeze from Sill and S.M. at from the pref, using the engines- eine blear hause W. Pathran Till
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 40 fms on each cha	orate freeze from Sill and S.M. at from the pref, using the engines- eine blear hause W. Pathran Till
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 46 fms on each chart 4 lo 8 pm. Blear and pleasant: Baron	Journatt Juntatt. S.M. serati breege from Sell and S.M. at from the peef, using the engines- eine blear hause M. Rathorn till. Enskgned. S.M. neter steary. Moderate to gentle
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 46 fms on each chart 4 lo 8 pm. Blear and pleasant: Baron	Journatt Juntatt. S.M. serati breege from Sell and S.M. at from the peef, using the engines- eine blear hause M. Rathorn till. Enskgned. S.M. neter steary. Moderate to gentle
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 46 fms on each chart 4 lo 8 pm. Blear and pleasant: Baron	Journatt Juntatt. S.M. serati breege from Sell and S.M. at from the peef, using the engines- eine blear hause M. Rathorn till. Enskgned. S.M. neter steary. Moderate to gentle
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 46 fms on each chart 4 lo 8 pm. Blear and pleasant: Baron	Journatt Juntatt. S.M. serati breege from Sell and S.M. at from the peef, using the engines- eine blear hause M. Rathorn till. Enskgned. S.M. neter steary. Moderate to gentle
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 46 fms on each chart 4 lo 8 pm. Blear and pleasant: Baron	John frage from Sell and 88%. at from the peef, using the engine. in blear hause M. Rathan till. Enskage U.S.M. weter steady. Moderate to gentle es fire. Open house. Lieut-I.S.M. light briege from South. J. J. Falvey 6th.
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 46 fms on each chart 4 lo 8 pm. Blear and pleasant: Baron	John frage from Sell and 88%. at from the peef, using the engine. in blear hause M. Rathan till. Enskage U.S.M. weter steady. Moderate to gentle es fire. Open house. Lieut-I.S.M. light briege from South. J. J. Falvey 6th.
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 46 fms on each chart 4 lo 8 pm. Blear and pleasant: Baron	John frage from Sell and 88%. at from the peef, using the engine. in blear hause M. Rathan till. Enskage U.S.M. weter steady. Moderate to gentle es fire. Open house. Lieut-I.S.M. light briege from South. J. J. Falvey 6th.
Mexico lo 4 pm. Blear fine weather mo Shifteda the starbard anchor further and hove in to 40 fms on each cha	Journatt Juntatt. S.M. serati breege from Sell and S.M. at from the peef, using the engines- eine blear hause M. Rathorn till. Enskgned. S.M. neter steary. Moderate to gentle

Examined and found to be correct.

le, K, leur 15. Lairl; Navigator.

LOG of the United States Steamer "Essex"

Al- Montevideo, Uruguay).

			Reading		WIND.				BAROMETER.	TEMP	ERATURE.	State of	Forms of	Clear Oths.	ne Sea
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. Ther	Air, Dry Balb.	Air, Wet Bulb. Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				mmil	236	1			30.07 7	3 7/	68	ba	circum	- G	
2				11 by 6	Shyll	1			30.07 70	371	67	4	4	8	
3				Edst-	11/11/20	1			30.07 71	70	67	"	"	9	
4				1120	*	1			30.06 60	67	65	-	9	9	
5				E by &	*	1			30.07 70	68	66	bezu	4	7	
6				nu	Modh-	1			30.09 60	867	65	bru	none	10	100
7					4	1			30.1068	67	65	bem	circum	8	
8				*	Mille	1			30.11 71	169	67	4	4	6	
9				21820	Sill	1			30.11 71	170	67	4	4	8	
10				5870	4	1			30.12 74	371	67	- "	4	8	130
11					4	2			30.12 71	. /			4	8	
Noon.					4	1			30.12 72	/	/	4	"	8	

	Course and distance	made good since preceding noon by obs	ervations,	knots.		tenths.	
		(Latitude by D. R.		0	,	"	
		Longitude by D. R.		•	,	"	
	Position at Noon:	Latitude by observations of ⊙		0	,	"	
		Longitude by chronometer from Fore	enoon Observations of ⊙	0	,	"	
		(Latitude by		•	,	"	
137	Position at 8 a. in.	Longitude by			,	"	
		Latitude by		0	,	"	
	Position at 8 P. M.	Longitude by		۰	,	" -	
	Current during the ti	ime, knots tenths per	hour, setting to the				
	Variation of the Con	upass by Amplitude o observed at Sun	rise, ship's head	•	- ,	"	
	Variation of the Con	npass by Amplitude ⊙ observed at Sun	set, "	•	,	"	
	Variation of the Con	npass by Azimuth ⊙ observed at	u	•	,	"	
	Variation of the Con	npass by Azimuth ⊙ observed at	u	0	, ,	"	
	Water expended duri	ing the preceding 24 hours,			310	gallons.	
	Water	during the preceding 24 ho	ours,			"	
	Water remaining on	hand fit for use at Noon,		2	2/0	"	
	Coal consumed durin	g the preceding 24 hours,		22 1 u	ns /70	60 lbs.	-
	Coal remaining on ha	and at Noon,		153-	" /6	10 "	

P. M.							
1	Sby &	8820	2	30.11 72 72 68	be	circums 4	9
2	Soly &	South-	2	30.10 73 72 67	4	4 4	7
3	28E	886	2	30.10 74 72 67	4	1 9	7
4	SE by &	S6 by &	2	30.09 74 73 67	4	4	9
5	5,8	86	1	30.08 747367		4 /	0
6	*	4	1	30.08 74 73 67	4	4 /	0
7	,	4	1	30.08 74 7266	"	4 /6	,
8	"	,	1	30.08 76 72 66	4	- /	0
9	E by &	116	2	30.07 75-72 66	4	none 1	0
10	Gast-	,	1	30.08 76 70 65		4 /1	0
11	716	,	2	30.08 76 69 64		4 10	-
Mid.		,	2	30.08 76 66 62	-	" /	0

Mid lo-4 am. Blear ans pleasant-Light-airs for	
blear and pleasant - Light airs for	m & &W, Shyll and
MMW. 4 lo 8 am blear clouding over last-hour. Ba airo from Ma. At-7.30 clossed light-yardo and p Brown in harose port-chain on top. Recis in Pa 116/4 lbs orgetables; 93 lbs-breas.	
	esussione,
4 6 8 am,	Consigned &. M.
Slear clouding over last hour. Da	nometer rising. Light.
was from Ad. Ul-7.30 clossed light yardo and	lorved sail to a bush line
Bross in haros & port-cham on top. Keed in Va	y Dept-116/4 lls beef
116/4 los orgetables; 93los breat.	1. 2
E 1 - 1 - 711 · 5	pf. Wheaton
8 am to Meris. Fine weather, light-airs from &	The ment to some
The wiends, light and from Se	or mustered a queries
and Extraised Sivisions: Jurlet sail in obedience	to gen signal 40 40
from Gensacola Confined J. B. Load (Pot) for the	In the Minima and water
but to vie A Porking of ded zert elevines and port will	present for forcovery puman
Sfor refusing to obey orders! The bonney. Officer in furnito viz D. Parker (Ido) not closing air port; who enters; lying down on deck, when tolo not to do so one is	icht auchor watch
Deves (bil) Taking water out of scuttle buth soil	that without - I night
Jas: Droyer (bl) Taking water out of scuttle buth sois reality. J. J. Falvey (bl.) reduced to 4th class; 2 months.	1) & Sauce Chours orga times
reduced to 4th class: 2 months. o	1801 11:
	W. Ky Masin Fold.
Merid lo-4 pm.	1 Choign U. S. M.
ofear and pleasant - Light breeger	from & 8216 & SE.
Merid lo-4 pm. Blear and pleasant. Light-breezer al-1.00 flagships made signal 2984.	
	Of working
4 lo 8 pm. 1 1 - 1 1	Ensignell. S. H.
Olean fine weather, light - airs from	36. Dent down light
yards in obedeente lo gen. signal 6068 Sfrom O	Ensacola Hoisted put
Stram launch.	he of hour tall.
4 lo 8 pm. blear fine weather, light-airs from yards in obsdience lo gen. signal 6068 from launch.	11.169 1900000
8 pm to Mid. Blear and pleasant-Light airs and bre	James gull. S. J.
Disar and Joseanan . Sign and and ore	ger franciscore
	Ersign U.S.M.
	Surge Care

LOG of the United States Steamer Essex"

Al- Montevideo, Uruguay

									0	-					-	
			Reading		WIND.				BAROMETER	. TEM	PERAT	URE.	State of	Forms of	Clear oths.	ne Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. There att'd	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				MEbyM	ME by M	2			30.06 78	5-66	62		be	cir cum	9	
2				1116	Horth -	2			30.06 74	65	62		4	4	9	
3				"	,	2			30.05 73	64	62		"	4	9	-
4				116 by 6	*	3			3004 71	64	62		ogl	4	9	
5				116	4	3			30.03 69	64	62		hem	4	8	
6				4	4	3			30.0468	64	62		4	4	8	
7				a	21216	2			30.04 68	66	64	4	*	4	9	
8				4	4	2			30.04 69	70	65	-	4	. 4	9	
9				16 by 6	"	2			30.05 70	3 70	-68		u	4	8	
10				11 916	"	2			30.03 74	4 78	70		,		7	
11				Mby E	4	2			30.017	180	71		4	4	7	
Noon.				21916	"	2			30.02 7	180	71		4	4	7	
															1	

Course and distance	made good since preceding noon by observation	ns,		knots.		tenths.	
	(Latitude by D. R.			0	,	"	
	Longitude by D. R.			0	,	"	
Position at Noon:	Latitude by observations of ⊙			0	,	"	
	Longitude by chronometer from Forenoon C	Observations of ⊙		0	,	"	
	(Latitude by			0	,	"	
Position at 8 a. m.	Longitude by			0	,	"	
	(Latitude by			0	,	"	
Position at 8 P. M.	Longitude by			0	,	"	
Current during the	time, knots tenths per hour, s	setting to the					
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, sh	nip's head		0	,	"	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset,	"		0	,	"	
Variation of the Co	mpass by Azimuth © observed at	"		0	,	"	
Variation of the Co	mpass by Azimuth o observed at	"		0	,	"	
Water expended du	ring the preceding 24 hours,				390	gallons.	
Water	during the preceding 24 hours,				/	"	
Water remaining or	hand fit for use at Noon,			,	18/0	· "	
Coal consumed duri	ing the preceding 24 hours,			to	18 1/	OT lbs.	
Coal remaining on l	hand at Noon,		150	1- "	157	00 lbs.	

P. M.							
1	11/16	East.	2	29.98 79 81 73	ba	cir str5	
2	6 by 8	4	3	29.96 79.81 71	*	" 5	
3	ESE	"	3	29.94 798/72	*	" 0-	
4	,	"	3	29.91 79 79 71		de 4	
5	" d	"	3	29.86 79 78 7/	4	* 4	
6	Eby &	"	3	29.86 78 78 71	be	circum 3	
7	6716	//	3	29.86 82 77 73	*	+ 3	
8	6. by 8	"	3	29.848/ 75-72	4	Wind 3	
9	Gast-		3	29.85-81 74 71	beg	4 /	
10	116	"	3	29.86 81 75-72	0,	+ /	
11	N by 6	2116	2	29.87 81 75-72	9	1 2	
Mid.	Notth-	"	1	29.81.81 76 73	,	. /	

, U. S. Navy, , 18 91 .

Mid lo 4 am. Elear and pleasant. Sight-lo gentle breeze from blear fine weather, light-lo gentle breeze from brosses light-yards and bent gear in obedience to gensacola. Reed routing signals.	
Gran and pleasant. Light-to sentle breeze to	om MEly M 6- North:
	Gina Less Schman
4 6 8 am.	Lieut-U. & M.
blear fine weather, light to gentle breeze	E from Mans MME.
prossed fight-yards and bent gear in obedience to	ren sig. 6069 from
Pensacola. Reed poutins signals.	will be give
1-24	W. My Man Fold.
sam lo Merid.	Consegned. S.M.
blear and pleasant. Light-bruges from	MM 6. Ul- 9.30 musteres
at quarters; at 4.00 flagships made signal 4390. Exerci	ised ships company
Sam lo Merid. Blear and pleasant-Light-bruges from at quarters; at 9.35 flagship made signal 4390. Exercise at making and shortening sail. Made pouting Al-10.25 flagship made sig 3707.	signalo-at-9.46.
Al- 10.25 flagshifs mate sig 3 707.	Quist.
Meris lo 4pm. Meris lo 4pm. Bireau of Provand blo. from Persacola get the soa and 50 papers medles.	Ening 1/2 1/
more to applicant bleasant - Light-bresse han I	ME Properties
Bureau of Provided blo Low Pensacola get llo- son	to 146 uds cats cloth -
and so salsers medles.	
	Lewy Letherlinan
40m lo 80m.	Sieul U.S.M.
Partially cloudy. Senthe briege from Ea	I. Ut-5:00 Hagshifs
mase sig prep 6068 followed by Execution Ses	I - down Slight yrso.
Mass sig prep 6068 followed by Execution Ses Ul 3:10 Alagorifo made sig 5422 unbent light sail of signal 1087.	al 6.00 flagohip made
signal 1087.	
	curio
Spm lo Mid. Bloudy but-pleasant. Senthe breeze f Light-breeze to light wirs-latter part.	1 Consigna C.S.M.
p. 11- ploudy but pleasant. Dentle breeze of	roue part first part-
aight priege to leght aux- Latien part.	Jun Lathable
	Licul I.S. M.
	00,000,000,000

LOG of the United States Steamer Essex ",3d Rate,

Al- Montepideo, Uniquay

					WIND.				BAROME	TER.	TEME	PERAT	URE.			DS.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				North-	1116	2			29.81	79	73	72		sc.	wind cum	-0	
2				a	6116	2			29.78	78	73	72		4		0	
3				*	4	1			29.76	78	74	72		a	1	0	
4				4		1			29.76	78	70	69		4	4	0	
5				MMW	nal	2			29.74	77	72	67		4	4	0	
6				Wby S	*	3			29.73	76	72	67		4	4	0	
7				NET	4	2			29.73	74	70	68		"	4	0	
8				MW by M	4	1			29.73	74	171	69		4	"	0	
9				Wbyn	West-	3			29,73	74	73	70		"	nine	0	
10		-		Str by Ir	WMW	3			29.72	74	73	71		ocm		0	
11					,	3			29.72	74	73	71		"		0	
Noon.					West-	4			29.71	76	75	471		- be	cir cum	3-100	
										/	/						

Course and distance	made good since preceding noon by observation	ons,	knots. to	enths.
	(Latitude by D. R.		0 ,	"
	Longitude by D. R.		0 ,	"
Position at Noon:	Latitude by observations of ⊙		۰ ,	"
	Longitude by chronometer from Forenoon	Observations of ⊙	0 ,	"
	(Latitude by		• ,	"
Position at 8 a. m.	Longitude by		• ,	"
Position at 8 P. M.	(Latitude by		0 /	"
Position at 8 P. M.	Longitude by		0 ,	"
Current during the		setting to the		
Variation of the Con	mpass by Amplitude o observed at Sunrise, si	hip's head	0 . /	"
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset,	"	0 ,	"
Variation of the Con	mpass by Azimuth ⊙ observed at	u	0 /	"
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0 ,	"
Water expended dur	ring the preceding 24 hours,		3/8	gallons.
Water	during the preceding 24 hours,			"
Water remaining on	hand fit for use at Noon,		1497 tons/40 154 "205	"
	ng the preceding 24 hours,		tons /40	Tlbs.
Coal remaining on h	nand at Noon,		15 4 " 203	7 "

P.M.		0.0	1			1			
1		Stelly W	Total-	4	29.70 76 75 72	be	arau	46	
2		\$\$10.	"	3	29.70 75 76 73	+	4	7	
3		Sby 2l	21821	3	29.70 75-77 74	*	4	6	
4		1,,	"	3	29.70 76 7774	4	4	7	
5		"	& by W	4	29.72-76 73 70	4	4	15	
6		Sby 6	South-	4	29.75-74-72.68			7	-
7		- 0"	*	4	29.79 76 7/67			6	
8	,	"	"	4	29.83 76 69 66	4		6	
9		SE by S	*	4	29.87 75-69 66	4	"	6	
10		886	886	4	29.96 7568 65	4	6	4	
11		"	4	4	29.92 7568 64	4	4	6	
Mid.				3	29.91 75 68 64		,	6	
							100000		

Mid lo-4 am. Blowdy, pleasant: Light-breeze to light 4 lo-8 am.	
Cloudy, pleasant - Light-breeze to light	1- airo Lour W/E 1-6 718
	John Hilland.
4 6-8 am.	Livet: U.S. M.
Margaret and evended Victorian land	1- 1 219/
at-1.00 flagohip made dress signal as follows - aff the Mea 10	Poin 130 11-715-10 achit
mare Speck sig. 6/44 and sig of execution al syso bloose	o top allandria Prisi
Ut-7.00 flagohip made derso signal as follows Aff 16. Meg 10 made operso signal as follows Aff 16. Meg 10 Pay Defol-116 /4 lbs fresh breef and regetables and 93 i	the bread.
	Custone
8 am to Meris.	Ensign 71. S. M.
· Orse cart histo three hours: Lin last hour	Senth- Lanvor rate from
home the start of the let the	25 - 284 11 - 1
Sat-quarties and their has battalion formation.	after that gave divisional
drill to secont division and to the sim hills crew Mis	9.45 mass parties in which
Bent- W. S. Tubbart (Pot) us hore to the English hospie	Tal.
drill to second division and to the simple crew attached Sent- W. S. Tubbard (Pot) ashore to the English hospits	Temo SEN Holman
Merid to 4 pm.	Lieut. d.S.M.
Merid to 4 p.M. Generally clear warm and pleasant breeze from West to WSW. Ut-1.10 mustined at que dean hammocks:	1- Moterals to asulle-
brigg & from West to MSW. al-1.10 mustined at que	arteri and himes in
dean hammocks:	
	Thirde
4/08 pm.	Lieut-U. S. 71.
Denerally clear. Moderate breeze backing	19 from WSUL to South
Clean hammocks: 4 to 8 pm. Penerally clear. Moderate breeze backin Rough harbor sea. Rect in Bureau Poux blo. from salt-pork and 300 lbo. salt-breef. Spm to Mid.	Bottini & bo here bolo-
salt- pork and 300 los salt beef.	0 10 1
	Jong Helly tolman
8 pm to Med.	Lieut: U.S.M.
Partly cloudy pleasant weather Mor	de pale lo gentle breege
South To Self. Salt buf. South To Self. South To Self.	
	Sient-U.S.M.
	Vieut-ll. D. M.

Examined and found to be correct.

le. V. leus. -Zanit-Navigator.

LOG of the United States Steamer Essex "
Al- Montepideo, Uniquay.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Hear Oths.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M				886	888	3			29.93	73	68	64		be	cir cu	15	
2				*	a	3			29.92	73	68	64		"	4	5	
3				*		3			29.92	73	67	64		4		4	
4				Sby &	"	3			29.92	71	66	63		4	u	2	
5				888	4	3-2	7		29.92	1 ,	66	111		4	4	3	
6				4	"	2			29.90	-70	63	-62		4	4	2	
7				4	4	2			29.90	69	66	62		4	4	1	
8				SE by S	"	2			29.90	70	67	62		4	4	1	
9				86	South-	3			29.95	-7/	/	63		4	4	4	
10				"		3			29.96	7/	68	62		4	4	4	
11	4			MNW		3			29.97	70	69	60	-		*	5	
Noon.				11/12		2			29.9			60		и		5	
-									/ /								

	Course and distance made good since preceding noon by observations,	knots.		tenths.		
	(Latitude by D. R.	0	,	"		
	Longitude by D. R.	0	,	"		
	Position at Noon: Latitude by observations of ⊙	0	,	"		
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"		
	(Littitude by	0	,	"		
	Position at 8 a. m. Longitude by	0	-,	"		
	(Latitude by	0	,	11- >	•	
	Position at 8 P. M. Longitude by	0	,	"		
	Current-during the time, knots tenths per hour, setting to the					
	Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0	,	"		
	Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0	,	"		
	Variation of the Compass by Azimuth ⊙ observed at "	0	,	"		
	Variation of the Compass by Azimuth ⊙ observed at "	0	,	"		
	Water expended during the preceding 24 hours,	3	25	gallons.		
	Water Distilled during the preceding 24 hours,		170			
	Water remaining on hand fit for use at Noon,	/	34	2 "		
112	Coal consumed during the preceding 24 hours,	ton	s 14	400 lbs.		
	Coal remaining on hand at Noon,	4 "	60	" D		

P. M.	-1-1-1	e 10			1		,
1	with the	South -		29.98 69 69 64	be	ciscum ofrat.	6
2	Il by let	,	2	29.98 69 69 64	4		6
3	11 by 6	556	2	29.97 68 69 64	*		8
4	88	4	2	29.97 68 69 64	*	cir.cum	8
5	288	SE	1	29.96 71 70 65	4		8
6	86	"	1	29.96 71 70 65	*	4	9
7	Sty &	"	1	29.95-73 70 65	4	4	9
8	Sby &	East-	1	29.95 -2 70 65	"	4	9
9	86	116	/	29.93 736964	1	non E	10
10	,	"	1	29.96 73 68 64	4	4	10
- 11	"	a	1	29.96 73 68 64	4	Y	10
Mid.	4	"	/	29.95-70 68 64	4		10

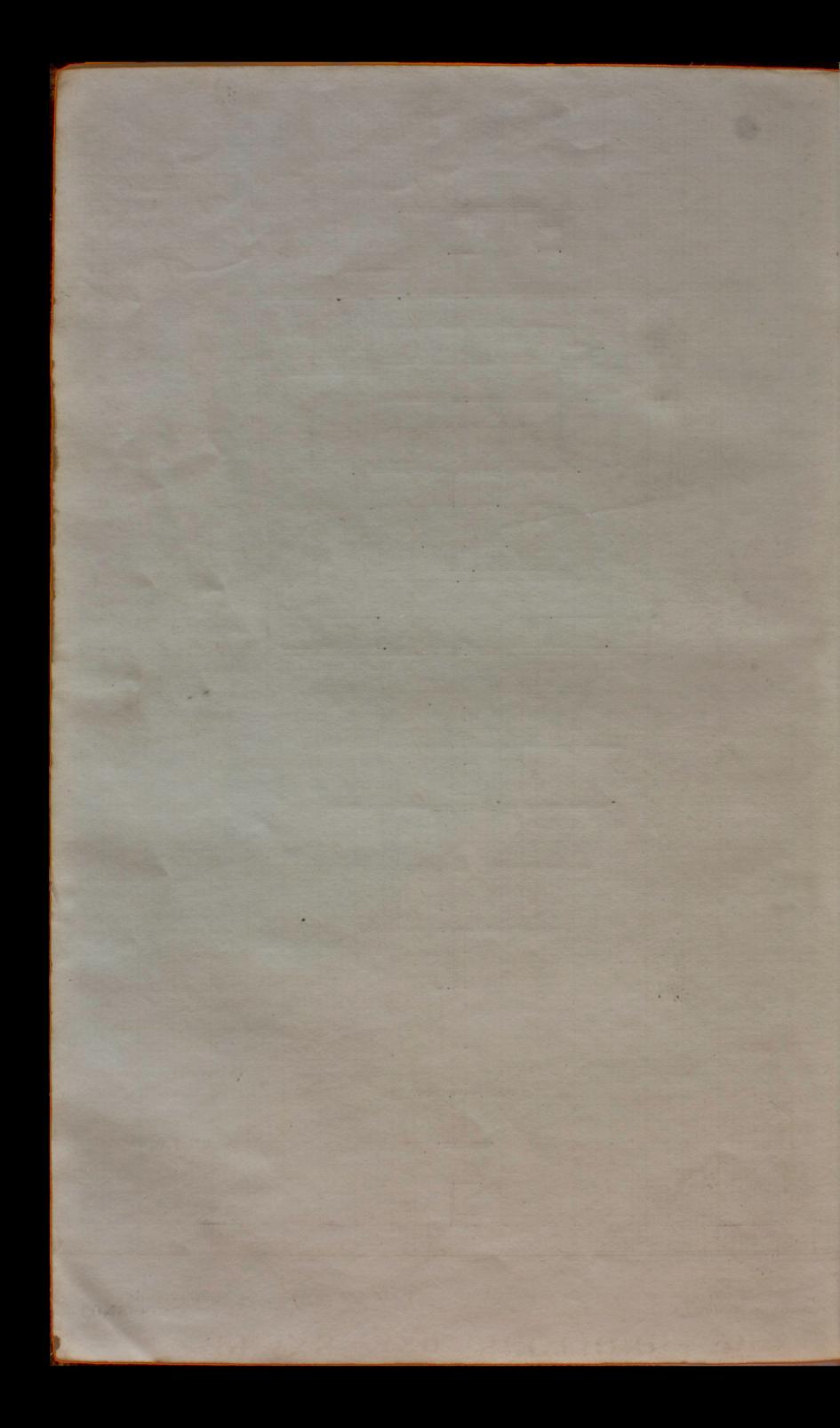
Mid lo 4 am. bloudy and pleasant: Barometer falling slowly . Senth breeze from \$\$6. My Menter Sient-U. 8. M. Lieut-U.S.M. Slowery but-pleasant: Senfli to light-breeze from \$36. Ato started fire. for distilling . At 7 the flagship made dress signals and at 4.30 time signal. The Pointish gunboat-Beagle went to sea. A man fell overboard from the Brank as some bricked up by her life boat: Sent steam launch to his descrit.

Jany. 22/91.

Jany. 22/91. lut-pleasant. Lentle to light - briege from South: Received Pay Dept. quarters then exercised boats unoch sail. The Butish inned to her anchorage at 8.40 and at 11. she left-Distilling Private B. Load USMb. roas peleased of prototed to duly by order of boundy. Officer. Ree'd stores. 4288 " Sugar 96 " Tea. 100 , Raisins 98 " Cumanto Ind pleasant: Baconseter Stady Light brigg from 1. Surgeon F. a. Wester U.S. M. reported for duty on board illness of Surgeon M.M. Ferebre U.S.M. 408 " Pichles 120 " Butter Sheet - d. S. H. 5 pleasant: Light-airs from & to East: Distilling. 240 .. Jonque 100. Sansage Lieut-U.S.M. no pleasant Berometer steasy. Light air from ME. 8 am to much Threw Leut-U. S. M. N

Examined and found to be correct.

le. K. lemse Zanic-Navigator.



from \$86. Blowdy and pleasant: Baronette falling slowly. Listle bruge from \$86. MINULANTER AND Bloody but pleasant: Levelli to light bruge from \$86. M. Started fare: for the tilling. Mr. The flag ship made dates seconder and at 150 time speak and was pointed upon bed Blogly sport to our. A man full overhant from the Bragle and was pointed upon her life tout: Sent strand labouch to his downt.

8 and to Maid. Loudy but pleasant: Levelle to light - frage from South: ance.

8 and to Maid. Loudy but pleasant: Levelle to light - frage from South: Mr. Butter gapting! Bragle perturned to her ambierage at 8 to and at 1. She left for more to her ambierage at 8 to and at 1. She left for more to he St. Distilling. Page 18 South South bruge from Maid to Hope and share for different to the Maring his illness of Sugar M.M. Sende close for diff on board his ship during his illness of Sugar M.M. Sende close. Distilling the Mid. Clear and pleasant: December diady. Light bour from the Mid. Clear and pleasant: December diady. Light dies from Mr. Sinde close.

8 pm to Mid. Clear and pleasant: Becometer diady. Light dies from Mr. Sinde close.

8 pm to Mid. Clear and pleasant: Becometer diady. Light dies from Mr. Sinde close.

LOG of the United States Sleavner Essex"

Al- Monte video, Uruguay

-				Reading		WIND.				BAROMETER.	TEM	PERA	TURE.	State of	Forms of	Hear the.	te Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
	A. M.				16	MME	2			29.9568	67	64	4	be	circun	.9	
	2				East-	, ,	2			29.92.66	6	64	4	4	u	9	
-	3				116	Horth-	2			29.90 67	63	60	3	4	*	9	
	4				1116,	4	3			29.91 67	64	462	1	*	4	9	
	5				Morth-	•	3			29.90 67	64	462	2	, «	ofr	8	
	6				16	4	3			29.90 67	64	463	7	be zu.	4	9	
	7				6 byll,	4	3			29.9067	64	463		lene	NOM E	10	
	8				686	0-1	2		-	299169	69	66			4	10	
	9				2006	Del.	2			29.9172	72	68		•	4	10	-
	10				11810	West-	2			29.92 74	476	68	-	4	4	10	
	11				Wby &		2			29.92 73	78	70	,	de	cir of	9	
	Noon.				N201-	"	3			29.92.76	79	71	1		-	9	

Course and distance	made good since preceding noon by observatio	ns,	knots.	tenths.	
	(Latitude by D. R.			, ,,	
	Longitude by D. R.			, "	
Position at Noon:	Latitude by observations of ⊙		0	, , ,,	
	Longitude by chronometer from Forenoon C	Observations of ⊙	0	, ,,	
	(Latitude by		0	, ,,	
Position at 8 a. m.	Longitude by			, ,,	
	(Latitude by		0	, ,,	
Position at 8 P. M.	Longitude by		0	, ,,	
Current during the t	,	setting to the			
	mpass by Amplitude ⊙ observed at Sunrise, sh			, ,,	
,	mpass by Amplitude ⊙ observed at Sunset,	"	0	, , ,	
	npass by Azimuth ⊙ observed at	u		, ,,	
		u	0	, ,,	
	npass by Azimuth ⊙ observed at				
Water expended dur	ing the preceding 24 hours,			334 gallons.	
	during the preceding 24 hours,		/.	192 "	
	hand fit for use at Noon,		, 2,	392 " 700 " 960 lbs. 1930 "	
	ng the preceding 24 hours,		tons	960 lbs.	
Coal remaining on h	and at Noon,	-	102 "	1900 "	

P. M.					1			9
1	28 11 28	mm	4	29.92 77 79 71	bem	cir cum	8	
2	West-	West-	3	29.91 78 80 71	1	и	9	
3	Mill	4	3	29.91 79 81 70	4		9	100
4	,	"	2	29.91 79 81 71	4		9	
5	West-	"	2	29.90 78 82 72	,	4	9	
6	South-	11 20	2	29.9080 82 72	,	4	9	3
7	858	11/120	2	29.91 82 82 72			6	
8	"	,	1	29.9182 81 74		,	3	
9	56 kg 6	256	3	29.93.81 74 72	, .		3	
10	688	"	3-5-	29.96 79 71 69	le car	,	2	
11	SEly &	4	3-5-	29.97 77 70 68			2	
Mid.	8,81	"	3-5-	29.98 77 76 68	"		7	-
							/	1

Mistotam.	
Mis to 4 am. Clear fine weather, light-breeze for 4 to 8 am. Clear and pleasant, misty- along horizon from North - Distilling. Reid in Cay Defol-1/5 lbr for Sand 92 lbs - bread.	~ MM, 6 and M. Distilling.
11/2	W. Isay Masy Tuld.
4 w 8 am. Blace and bles weet it - leader	6 juignell. D.VI.
bom Moth - Distilling Red in Cay Dept -1/3 lor for	sh beef 1/6 loo 20 nelables-
Sand 92 lbs - bread.	J
	The miles
Sam lo Meres.	cheut-ll. S.M.
from Sil and W. at g.30 went for Sent Quarters:	buch loos 1th dies : 120.
2 no Div 1.35; 300 1.40 Mar Div, 4.00. Powo Div 2.01; Enge	Dir 2.39. Marine Guard 2.14:
Pay Dept- 1.03; Sung Div 2.54 Asid in Engr Dept- 6pa	end-brusher, Il portland cemans
15 the marline, I the strong twine I brass paslocks; so feet oak	board, piece pound yellow
pine 28 x 14" 10 lbs sheet-brass; 16, 2 fret-pourse iron 2	6 scrubbing brusher guard-
sheet bad 16" so lo square still, assorted, 25 the roun	Total asserted 30 feet non
	, , , , , , , ,
popor1/2, 25 fret non popor 1. Transported shiet ares	hor aft - and secured it-for
Sea, unbest- sheet chain. Distilling).	hor off- and seculier it-for
, which is the same of the sam	1-1211,
, which is the same of the sam	1-1211,
, which is the same of the sam	1-1211,
, which is the same of the sam	1-1211,
, which is the same of the sam	1-1211,
, which is the same of the sam	1-1211,
, which is the same of the sam	1-1211,
Mish 4 pm. Blear fine wrather, moserate to gentle Masz signal to Pensacola Inder. 6/43 and has yards and bent light sails and set up top galles 4 to 8 pm. Blear clouds pising to Sit last hour. Narm and sultry, Light breeze from Mid and for sea	breeze from WMW ans W. 2265. Sent down togell- d'yarso againg. It will. Barometer stady. Will. Making preparations.
Mish 4 pm. Blear fine wrather, moserate to gentle Masz signal to Pensacola Inder. 6/43 and has yards and bent light sails and set up top galles 4 to 8 pm. Blear clouds pising to Sit last hour. Narm and sultry, Light breeze from Mid and for sea	breeze from WMW ans W. 2265. Sent down togell- d'yarso againg. It will. Barometer stady. Vd. Making preparations
Mish 4 pm. Blear fine wrather, moserate to gentle Masz signal to Pensacola Inder. 6/43 and has yards and bent light sails and set up top galles 4 to 8 pm. Blear clouds pising to Sit last hour. Narm and sultry, Light breeze from Mid and for sea	breeze from WMW ans W. 2265. Sent down togell- d'yarso againg. It will. Barometer stady. Vd. Making preparations
Mish 4 pm. Blear fine wrather, moserate to gentle Masz signal to Pensacola Inder. 6/43 and has yards and bent light sails and set up top galles 4 to 8 pm. Blear clouds pising to Sit last hour. Narm and sultry, Light breeze from Mid and for sea	breeze from WMW ans W. 2265. Sent down togell- d'yarso againg. It will. Barometer stady. Vd. Making preparations
, which is the same of the sam	breeze from WMW ans W. 2265. Sent down togell- d'yarso againg. It will. Barometer stady. Vd. Making preparations

Examined and found to be correct.

le. K. leurso Zamit-, Navigator.

					1	200000									0			-
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT		State of	Forms of	Hear other.	ne Sea.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea	The state of the s
A. M.				East-	648	4			29.98	76	71	69		bem	tum	2		
2				4	1.	4			29.98	75	70	68		4	4	1		
3				4		4			29.98	/	1			1	A	4		
4					u	4			29.99	974	69	67		4	×	7		
5				6 by S	East-	2-4			30.00							2		
6				1.	"	3			30.02	70	69	67		-	4	4		1
7				South;	4	4			30.04	/				u	4	4		
8				686		4			30.05		100	1 / 0		и		1		-
9	6	5	65	E at 6 /2 M	и	3			30.06	73	72	69	75		4	3	8	-
10	42	5 2	13.2.	648 7/8 E	4	4			30.06	73	71	69	74		4	3	2	
11	6	8	20.0		*	4			30.07	73	71	69	74	4	4	3	2	-
Noon.	6	2	26.2	,	4	4			30.07	73	71	69	74	"	4	4	8	-
									/		1	1	/			1	1	1

	Course and distance	made good since preceding noon by observation	ons,	knots.	tenths.	
		(Latitude by D. R.		0 /	"	
		Longitude by D. R.		0 ,	"	
	Position at Noon:	Latitude by observations of ⊙		۰ ,	"	
		Longitude by chronometer from Forenoon	Observations of ⊙	0 ,	,,	
		(Latitude by		0 ,	"	
	Position at 8 a. m.	Longitude by		0 /	"	
		(Latitude by		0 ,	"	
	Position at 8 P. M.	Longitude by	7	0 ,	"	
	Current during the t	ime, knots tenths per hour,	setting to the			
-	Variation of the Con	npass by Amplitude ⊙ observed at Sunrise, sl		0 /	. "	
		npass by Amplitude O observed at Sunset,	"	0 ,	"	
	Variation of the Con	npass by Azimuth ⊙ observed at	"	0 /	"	
	Variation of the Con	npass by Azimuth O observed at	"	0 /	"	
	Water expended duri	ing the preceding 24 hours,		3/	2 gallons.	
	Water Distil	led during the preceding 24 hours,		1/3	4 "	
		hand fit for use at Noon,		2850	0 "	
	Coal consumed durin	ng the preceding 24 hours,		4 tons	/40 lbs.	
	Coal remaining on h	and at Noon,		4 tons 148 ")	790 "	
				110		

P.M.										1				
1	32.3	EME 7/8 6	6 ast	4	30.06	74	72	70	74	bene	eum	6	08	
2	38.9	/•	4	4	30.05					и		6	4	
3	45:74	676/86	4	4	30.06			,				6	+	
4	51.9	ENE 3/8 6	4	4	30.04	,		. /	74		u	3	4	
5	58.5	1	4 5	4	30.03	- 1	/	1	74			3		
6	63.5	Ships Head		4	30.06	74'	71	69		osm.		0		
7		Cast-	"	4	30.05	75	71	70		"	^	0		
8		Oby &	4	4	30.06	76	72	70		"		0.		
9		"		4	30.10	77	73	76		.,		0		
10		,	,	4	30.11	77	73	70			4	0		
11			"	4	30.12	77	72	70		"	4	0		
Mid.		"		3	30.12	77	72	70			•	0	-	
100000					a many	1						BEST !		

211.11-41211	
Mid lo 4 am. Blousy goils mose pate breeze from & by:	8 11-
I bloudy goth moderate breeze from 6 by	0. M 3.20 startes
Just under boilers 6 x D.	0
	Gel stone
4 6 8 am	Ensier 1/8 11
Charles and tolegonal - really - to make the	lessell &
The second of the second of the second	I hall story
Ho 8 am Cloudy and pole a sant, gentle to moderate Upmorred and got underway, at 7.10 Stood out of Cast. Departure El Couro MW/2Mano Brava MME /2 & May. Draw	- navor. On o ser course
Gast. Departure Gl 60000 110/211 and Mara 1116/26 May Drum	yest, find 13-3, ceft 16-5: awasty, 14,
	17 Miloter
8 am to Meris.	Lieut-U.S.R.
Jair pleasant weather moverate frees & fre	one Gest: Stram under
Invo boilers Course Gast-until 8.30 when it was all	anged to 6 1/2 21 and
01-040 4- 6918 7/86 1/10 1/10 1/10 1/10	of the and
w y. 70, 10 0016/00. 11 sau. Work steam 14 los;	Will by . The
201 : 12, 1	1. My Masy Fuld.
Mend to Hpm.	Konsign U.S. N.
Vartially dougy with moderals ones	from East- Steaming
with 3 boilers: U - 2.16 changes course to 676 1/8	6. al-3.40 changest
course la 6 9/6 5/86 Avec 25 mm 47 a. aven 1/30	me 72 lbs:
Sam to Merit. Sair pleasant oreather, moterate breeze from soilers Course Gast until 8.30 when it was che at 9.40, to 6/16/186. Ho sail. Aver steam 14 lbs; Merit lo Hpm. Partially cloudy with moterate breeze orege with 3 boilers: Ut-2.16 changes course to 6/16/18 course to 6/16/18.	Questino
4 1- 8 294	210 21
4 lo 8 pm.	Grisign U.S.M.
orreast and pleasant. Mode pale breeze from	in Gast: Steaming in
for anchorage in Maldonato. Mavigator conning ship	. Ul 5:33 anchored in
I 5 Ins of water 45 for on each chaine Bearings	from anchorage Mag
Of sel Este SI- 886 1/26, Cathedral 11 1/86. Hauled Lines.	1 , 2 1 0, 5
	M. Kan Mason teld.
So for of water 45 for on each chaine Bearing. Of sel Este SI- 886/26, Cathedral 11/86. Hucks fires.	62 min 2/8 11
Blacker Made to for 1	1-
Courty moughair orieges from Da	01.
	e de la cone
	EusignU.S.M.

Examined and found to be correct.

le. K. lemm Zanit. Navigator.

									1							
			Reading		WIND.				BAROME	ETER.	TEMPE	ERATURE.	State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leewny.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Balb. Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Sea
A. M.																
1				Gast-	East-	3			30.12	76	7/	70	64	cum str	6	
2				6 by M	4	2			30.11	75	71	69	4	1	7	
3				6118	6116	2			30.10	/	/	69	"		7	
4				16 by 6		1			30./0	74	700	69	4	4	7	
5				North-	16	1			30.10	/	/	/	bene	cum	7	
6				11/16		1			30.10	74	69	68	60		7	
7				ME by M		2			30.11	73	70	68		"	7	
8				116		2			30.12	74	70	69	4	cir can	17	
9					u	2			30.14	1		1.	4	4	6	
10					4	3			30.14		/		"		6	
11				6716	6 by M.	4			30.14	1	/ '		4		8	
Noon.				Ebyll	1,,	4			30.13		/ /		•	"	8	
										/				-		

Course ar	nd distance made good since preceding noon by observations	3,	knots.	1	tenths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.			,	."
Position :	at Noon: Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Ob	servations of ⊙	0	,	"
	(Latitude by		۰	,	"
Position :	at 8 a. m. (Longitude by		۰	,	"
	(Latitude by			,	"
Position a	at 8 P. M. Longitude by		0	,	" >
Current d	luring the time, knots tenths per hour, set	tting to the			
Variation	of the Compass by Amplitude o observed at Sunrise, ship	p's head	•	,	"
Variation	of the Compass by Amplitude ⊙ observed at Sunset,	u	0	,	"
Variation	of the Compass by Azimuth observed at	"		,	"
Variation	of the Compass by Azimuth ⊙ observed at	"		,	
Water ex	pended during the preceding 24 hours,		3	46	gallons.
Water	during the preceding 24 hours,				u
Water rei	maining on hand fit for use at Noon,		250	14	u
Coal cons	sumed during the preceding 24 hours,		4 tons		
	aining on hand at Noon,		144 "		

P. M.						1		
1	Eby M	Ebyn	3	30.12 76	74 7/	l'em	circum	8
2	of a	1	3	30.10 76	74 7/		u	
3			4	30.09 76		4	4	8
4			4	30.08 76	the state of the s	a		8
5	, .		4	30.04 73	1 - 1			8
6	6116	6716	4	30.04 75	4			6
7			3	30.04 77		4		5
8			3	30.04 7	The second secon	4		8
9			2	30.06 7		km	noni	10
10	"		2	30.06 77		4		10
11	2116		2	30.06 77	1	bours	*	10
Mid.	"		2	30.05 76		44		

Mid lo 4 am;	
blear and toleasant. Ventle breeze to light	- airs from 6 lo 6/16.
Blear harose . Riding to port-chaine.	J
	Jarge Hutolinan
4 lo 8 avil.	Lieut. U.S.M.
blear fine weather, light - airs to fight -	briege from ME.
Shippord aroundy stanchione, pigges, out boats an	of cleaned ships
Cleanes bilges:	of Ky Mas talk
8 am to Meridy	Lowign U.S.M.
blear and pleasant dight and morepas	a briege from ME
and 6 by H. Ut 9.30 impected diep and crew at g	uarterl. Afister out
steamt launch.	Quit. =
	Justone
011 1 - 1	
Merid to 4pm;	Crisique de M.
Merid to 4 pm; Jazy and pleasant - Sentle to mod	Ersion USA.
Eby M. blear hause, diving to port anchor.	Erosion USA. Sent-above ball
Eby M. Clear hause tising to port anchor.	Ensign U.S.M. Enst base from Sout a ball
Eby M. Clear hause, tisting to port anchor. party ashore.	Sent a base ball July Libitolman
Merid to 4 pm: Jazy and pleasant- Sentle to mod Ely M. Clear hause, diving to port anchor. party ashore. 4 lo 8 pm.	Sent a base ball Jugo Libet olman Jugo Litt olman
Merid to 4 pm. Hay and pleasant - Senth: to mod by M. blear hawse, diving to port anchor. party ashore. 4 16-8 pm. Blear and misty: Senth: and mode	Sent a base ball Jung Libtolman jung Littolman jung Littolm
Eby M. Clear hause tisting to port anchor. plety ashore. He 8 pm. Clear and miny: Senthi and mode	Jung from U.S.M. Sent a base ball Jung Holman Jung from EME. Jung from EME.
Blear haror Riding to port chaire. 4 to 8 aint. Chear fine weather, light - airs to fight - Shiplood around stanchions; pigged out boats and Cleanes belges: 8 am to Meride las and pleasant. Light - our moseparant Steam laurich. Merid to 4 pres. Tagy out pleasant. Dentle to mod Ely M. Clear hander Clisting to port anchor. party ashore. 4 to 8 pm. Clear and misty: Lentle and mod Spm to Mid.	Sent a base ball Jung Lib toluran Lieut I.S. H. Enale briege from EME. Cresign II.S. H.
Eby M. blear hause tising to port anchor. party ashore. Spom to Mid. Stary but pleasant - Heavy dear latter.	Sent a base ball July Lib tolman Lieut. J. S. M. Epale brigg from EME. Croign U.S. M. Ensign U.S. M.
Meris to April: Jazy out pleasant. Senth to mod by M. blear hawse, tiving to port anchor. party ashore. 4 1-8 pm. Blear and misty: Senth and mod Som to Mist. light. Light breeze from EME. Clear haves	in part - Bright moon
Meris to April; Jazy and pleasant. Denthe to mod Eby M. blear hause, Riving to port anchor. party ashore. H to 8 pm. Blear and misty: Senth and mode of the light. Light of foreign from EME. Clear haves.	Sent a base ball July Littolman Existed . S. M. Existed . S. M. Existed . Bright moore Lieut . U. S. M.

LOG of the United States Stramer Essex, 3rd Rate, Malsonado, Unuquay.

								1	1.									
			Reading		WIND.				BAROMI	ETER.	TEM	PERA	TURE.	State of	Forms of	Hear ths.	e Sea.	
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea	The same of the same of
A. M.				MME	6116	2	1		30.05	73	70	69		de m	cir cur	6		
2				•		2			30.03	73	70	64		4	-	6		
3					4	2			30.01	74	70	69		4	4	4		
4				Mby W.		2			30.00	72	70	69	9		4	4		
5				1.		2			30.00	/	70	69		oc	cum rim	40		
6				1116		2			29.99	71	70	69		acd	*	0		
7				6716	4	2			29.99	72	70	69		4		0		
8						3			29.99	73	70	70		*	4	0		
9					*	2			30.00	73	72	71		4		0		
10					4	2			30.00	1	72	71				0		
11	-			"	4	2			29.99	1	71	70				0		
Noon.				4	Gast-	3			29.99		-					0		

Course and distance	e made good since preceding noon by observations	s,	knots.	tenths.	
	(Latitude by D. R.		0	, ,,	
	Longitude by D. R.		0	, "	
Position at Noon:	Latitude by observations of ⊙		0	, ,,	
	Longitude by chronometer from Forenoon Ol	oservations of ⊙	0	, "	
	(Latitude by		0	, "	
Position at 8 a. m.	Longitude by		0	, ,,	
			0	, ,,	
Position at 8 P. M.	Latitude by Longitude by		0	, "	
Current during the		tting to the			
Variation of the Co	ompass by Amplitude o observed at Sunrise, ship		0	, ,,	
	ompass by Amplitude ⊙ observed at Sunset,	"	0	, ,,	
Variation of the Co	ompass by Azimuth ⊙ observed at	"	0	, ,,	
Variation of the Co	ompass by Azimuth ⊙ observed at	"	•	, ,,	
Water expended du	ring the preceding 24 hours,			395 gallons.	
Water	during the preceding 24 hours,			"	
Water remaining or	n hand fit for use at Noon,			2/09 "	
Coal consumed duri	ing the preceding 24 hours,		/ tons	2/09 " 1560 lbs.	
Coal remaining on	hand at Noon,		142 "	1430 "	

P. M.															
1				It by &	6116	2	29.98	72	72	71	7/	ocd	cum rumb	0	8
2	9	0	9.6	1,	,	1						4		0	
			18.2		"	1			1			o c		0	
			26.2		86 by 6	3	1//		1		6	de		4	
			35.		"	3			/				u	4	"
		1	44.	H201-	E by M	3	29.90							4	•
7	8	5	52.5	"	\$6	3	29.9						4	4	^
8				*	,	2	30.00					4	*	8	
9				686	East-	2	30.0					*		8	
10				,	"	2	30.00	1000				o c		0	
, îi			. ,	Cast-	1	1	30.0					be	*	3	
Mid.				,	,	2	30.04	1-76	72	70		1		3	
1 33								1	1	/				1	

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 am.
Partly cloudy, pleasant weather, Bright moonlight - Trany,
Dew. Light-briege from EME.

Lieut-U.S. M. Executed morning overs; began fixing at tanget at ploo and. All-7.30 hojsted general recall and fixed one gun. Stanted fire, in the boilers at 7.55 8 am to Merid. Eusigntl. S.M. Eusigntl. S.M. Eusigntl. S.M. during watch. At 9 10 how up starboard anchor and how in to 20 fmo one post chain. Ut-9.30 hauled doron general recall and hoisted comet at the fore. at-10.25 find a change from Miz Tx in gun (port). Hoisted the Laurachers. al-11.53 - Turned over the Jengines bypended two 10lbs cartridge bags and two 10 lbs charges (Dupont - Ponotes). Ino hours; clearing last too hours: Light airs to gentle bridge from 616, to DE by 6. Al- 12.30 hauled down cornet, all persons belonging to the ship bring on board. Ested all hands up anchor, got unous way and shoot out on course Way &. But over pat- log registing of al-4 it praistered 26.2 Clonage steam 73 los, aver pers 49. Shipo draft 13'3" ford, 14 10" amid, 16 10" aft. Blear and pleasant Sentle- lo light breeze from between SE and Eby M. at 1:95 set flying jib and spanker. At 5 changed course to West: hauled down flying jib look in spankel. At 5:15 mustires at quarters. At 6 Hores Doland St. Hour was abane U-7.05 shortend and furled sail Showed our dishing pennatet at the miggen. At 7.30 I changed course to Will by Il and stood in for anchorage Made vin number, which was anguseed by Sensacola alt 4.00 called all hants bring ship to anchor. Ut 7.45 hauled in patilog reading 58,5 low stram 72 los, aver pers 48.9. The following signals - were made 7.41 Georg to Flagshifo Int. 1211, 7.50 Hagship to Cours. 1244. Just Il Solman Sport to Mid. Carly pleasant-weather. Light-breeze from East: At 8.05 let go food-anchor in inner harbor and at 8.40 let go Starb's anchor and Examined and found to be correct. moored with -45 from oneach chain. Haules fines at 9.55. Tother were le. V. luni Vicit. U.S. M.

LOG of the United States Steamer Essex "
Al- Montevideo, Uruguay.

								-		_		_	-		and the latest designation of the latest des	-	
			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				11.6	East-	2			30.03	75	72	70		be	cir cum	8	
2				Cast-		3			30.03	76	-71	69	-	4	4	8	
3				1	,	3			30.02	74	70	68		4	4	8	
4				"	4	3			30.01	74	70	68		"	4	9	
5				116	•	2			30.03	73	70	69	-	*		2	
6				1116	4	2			30.03	72	71	69		4		3	
7				16	4	2			30.03	73	71	70		ben		1	
8				6 by &	4	2			30.04	74	72	70		4		1	
9				SE by 6	686	2			30.03	73	72	70		acm	nint	0	
10				,	•	2			30.03	73	72	70		4	4	0	133
11				686	East-	2			30.03	73	72	70		4	4	0	1
Noon.				6 by S		2			30.04	74	72	71		osp		0	
										/	-	-		-		1	

Course and distance	made good since preceding noon by observations,	knots	. t	tenths.
	(Latitude by D. R.	•	,	"
	Longitude by D. R.		,	"
Position at Noon:	Latitude by observations of ⊙		,	"
	Longitude by chronometer from Forenoon Observations of	9	,	"
	(Latitude by	0	,	"
Position at 8 a. m.	Longitude by	0	,	"
Position at 8 P. M.	(Latitude by	•	,	"
Position at 8 P. M.	Longitude by	•	, .	"
Current during the	time, knots tenths per hour, setting to the			
Variation of the Con	mpass by Amplitude 🕤 observed at Sunrise, ship's head	0	,	"
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset, "	0	,	"
Variation of the Con	mpass by Azimuth ⊙ observed at "	•	,	"
Variation of the Cor	mpass by Azimuth ⊙ observed at "	۰	,	"
Water expended dur	ring the preceding 24 hours,		338	gallons.
Water	during the preceding 24 hours,			"
Water remaining on	hand fit for use at Noon,		1771	/ "
. Coal consumed durin	ng the preceding 24 hours,	137	ons —	lbs.
Coal remaining on h	and at Noon,	137	" 143	0. "

P. M.					
1	686	East-	2	30.02 74 73 71	oce circum o
2	East-	a	2	30.02 76 73 71	och circum 0
3	"	4	2	29.99 75 72 71	oc " o
4	1 41 5	"	3.5	29.97 75 72 71	ac 295 " 0
5	6116	616	3	29.94 73 72 71	o che cum nint o
6		* ,	3	29.94 74 72 71	acp " 0
7	East-	East-	2	29.95 76 72 71	
8	1	*	2	29.93 77 72 71	" 0
9	218 11-		2	29.9477 72 71	" " 0
10	Ely South-	6116	3	29.9477 71 71	- a a 0
Mid.	East-	116	3	29.94 76 7/ 7/	och i o
TANK.	70	116	3-4	29.90 74 71 71	ock o

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 am. Char and pleasant Branche strong Sight to greatle brigge from East. Char hand.

4 to 2 all.

Lloudy . Hogy last part: Sight brigge from East. Linear of what affect at 7.50 wint from Royal yards. At 7.00 Megalip made dust signal and affect 7.50 wint signal.

2 am to Myrid.

Lloudy with light raine alone of watch. Sight brigge from 686 to East. All give proposed at quadros. Out on morning smirl and but short short.

Meric to 14 pm.

Oureast rainy at time and quadro but to surgeon J.a.

Wint d. S. H., was delotted from this ship and ordered to petin to duty on her revealed.

Loudy on her revealed.

Sport to Mid. Oureast and painy, gentle to light brigg from Elle to East.

Open on the Tenracola.

Decompler falling, wound ordering from Elo M. Sight sing from Mid and speak gathering in that editection at one of the four.

The Mid. Open cast painy steadily except last four.

Open mile falling, wound ordering from Elo M. Sight sing to Mit and speak gathering in that editection at one of yearth.

Sint J. S. H.

Examined and found to be correct.

le. K. Sunsi

LOG of the United States Steamer Ever " Ever" At Montevideo Uniquay.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	Hear other	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				6716	676	3-5			29.85	75	7/	69		ockg	cir cun	0	
2				56	1116	1			29.86	75	72	71		oc	4	0	
3				111120	nnw	1			29.85	75	7/	69			и	0	
4				" "		1			29.82	74	71	69		4		0	1
5				110	116.	1			29.80	74	71	69		"	nind	0	
6				Willy 11	Horth -	2			29.85	-72	70	68		be.	*	1	
7				2011/20	MW.	1			29.84	70	69	68		ocd		0	
8				8/1	*	1			29.85	-70	71	70		sek	•	0	
9				۴	Morth -	2			29.84	71	70	70		4		0	Marie .
10				86	16	1			29.84	-71	71	70		*	*	0	
11					1116	2			29.84	17/	71	70		и	4	0	
Noon.				South-	"	1			29.83	72	71	70		acd	4	0	

	Course and distance	made good since preceding noon by observation	ons,	knots.	te	enths.
		(Latitude by D. R.		0	,	"
		Longitude by D. R.		0	,	"
	Position at Noon:	Latitude by observations of ⊙		0	,	,,
		Longitude by chronometer from Forenoon	Observations of ⊙	0	,	"
		(Latitude by		0	,	"
	Position at 8 a. m.	Longitude by		0	,	"
		(Latitude by		0	,	"
	Position at 8 P. M.	Longitude by		0	, .	"
. 1	Current during the	ime, knots tenths per hour,	setting to the			
	Variation of the Cor	npass by Amplitude ⊙ observed at Sunrise, s	hip's head	0	,	"
	Variation of the Cor	npass by Amplitude ⊙ observed at Sunset,	"	o	,	"
,	Variation of the Cor	mpass by A'zimuth ⊙ observed at	"	•	,	"
	Variation of the Cor	npass by Azimuth O observed at	"	•	,	"
	Water expended dur	ing the preceding 24 hours,			332	gallons.
	Water	during the preceding 24 hours,				. "
	Water remaining on	hand fit for use at Noon,		/	1439	? "
	Coal consumed during	ng the preceding 24 hours,		tons	400	7 " lbs.
	Coal remaining on h	and at Noon,		137 "		

P. M.					
1	Sby W	North -	2	29.81 72 7/ 7/	ocd remb o
2	SSIL	nnw	2	29.81 72 72 71	ac , 0
3	SW by Ed		2	29.81 72 72 71	aer " o
4	W by S	Morth-	2	29.80 72 73 71	acd " o
5	Sal	Mil	1	29.80 73 73 71	" " 0
6	286	888	3-6	29.80 73 70 69	0299 10
7		,	2	29.81 74 69 68	de cum ofr. 4
8	,	*	4	29.83 76 70 68	. 4
9	4	"	3-6	29.85 76 70 68	beg cum 4
10	1		3-6	29.89 76 70 69	" 4
11	,	"	3-5-	29.93 76 70 68	4 . 5-
Mid.	,	1	3-5	29.97 75 69 67	. 5
				11,11	

, U. S. Navy, , 18 91.

Mid 10-4 and.	
Overcast and paines, first - hour with	heavy squall from 616
Sent-steam launch ashore for Scholder.	ha o he Pi.
	N. My Main Full.
4 6 8 am.	Quiniarell. 8.11.
Overcast and cloudy with thick mist - 1	hunter and rain last-
hour Light - airs from West with light - briegs	home North - second hour
Ree'd 115 lbs - beck 0115 lbs - executables and ge lbs bleace	Tic Pay Defot.
Sent-steam launch ashore for Ishelter. 4 to 8 am. Greecast and cloudy with thick mist, I hour. Light- wis from Med with light-freeze of Ree'd 115 lbs beef 815 lbs vegetables and ge lbs blead	Morring
8 am lo Meiot. Overcast, Light-airs and light- EME. Mustered at quarters, no absenters:	Vient-U.S. 7.
Overcast, Light airs and light	breeze from MME and
6ME. Mustered at quarters, no absenters.	1 8
Merio lo 4 pm. Vencast; light breeze from Mand 4 lo 8 pm. Overcast; quoverate pain squall a Light-lo fresh in force. Pensacola left-al I.b. 8. m. Pensacola refolied R.S. J.	11.7. Newton
Merio 6-4 pm.	Leut. U.S.M.
Overcast, light breeze from Mand	d Mary 5 Of.
	W. Ry Marin Feld.
4 lo 8 pm.	Exsign U.S.M.
Overcast - moderate rain squall a	1-5:30 Mind from \$86.
Light-le- fresh in force . Pensacola left - at	-6.30 Esser make Sal.
J.B. S. M. Pensacolo refolied R.S. J.	
	J.T. Newlow
8 pm to Mid.	, Sient 21.8.11.
Fenerally Lair Fentle lo steff	squalls from &S.G.
8 pm to Mid, Senerally Lair Sentle, No stiff Sent in steam couter for safety.	6. 0 h 9.
	M. Ry Mary Full.
	Consign U.S.M.
	. 1:1

LOG of the United States Steamer Essex"
Al-Montevideo Uruguay.

										-							
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Hear other	ie Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				SSE	886	3			29.90	74	69	67		be	nine	3	
2				"		3			29.94			1		4	4	3	
3					4.	3			29.94		1	1 .		и	"	3	
4				South-	Soy 6	3			29.94		-			4	4	3	
5				Sal	386	4			29.96			/		4	сит, ніт	41	
6				886	4	3			29.96	71	69	67	3.00		4	1	
7				* 0	South-	3			29.98	71	69	66		4	*	1	
8				Sby 6		3			30.03	71	70	66		4	cir cum	6	
9				4		3			30.05	71	70	66		4	4	7	
10				588	886	2			30.06	72	71	67			circum	-6	
11				4	4	2			30.07	72	71	67		4	cum of	-7	
Noon.				4	4	2			30.07					4	4	7	
							-					-					

	Course and distance made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	· , ,
	Longitude by D. R.	· , ,
	Position at Noon: { Latitude by observations of ⊙	· , , ,
	Longitude by chronometer from Forenoon Observations of ⊙	0 / 1/
	(Latitude by	· , , ,
	Position at 8 a. m. (Longitude by	· / //
	(Latitude by	· "
	Position at 8 P. M. Longitude by	• , ,
1	Current during the time, knots tenths per hour, setting to the	
	Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	. , ,,
	Variation of the Compass by Amplitude ⊙ observed at Sunset, "	· "
	Variation of the Compass by Azimuth ⊙ observed at "	0 , " - 7 -
	Variation of the Compass by Azimuth ⊙ observed at "	• ', "
	Water expended during the preceding 24 hours,	336 gallons.
	Water during the preceding 24 hours,	/20 "
	Water remaining on hand fit for use at Noon,	. /223 "
	Coal consumed during the preceding 24 hours,	/ tons /60 lbs.
	Coal remaining on hand at Noon,	136 " 870 "

P. M.	South-	SSE	3	30.08 74 7/66	fe	cit cum	5
2	\$6	"	3	30.09 74 7/ 67	"	·	6
- 3	"		3	30.13 74 72 67			8
4	"		3	30.13 74 71 65	4		8
5	336		3	30.11 74 7/ 66		4	8
. 6	9 4 2 2		3	30.11 72 70 66	4		8
7	SE by &	8,8	3	30.11 73 69 65	4		8
8	SE	4	3	30.11 73 68 64		*	6
9	. "	"	3	30.12 73 67 63			6
10		"	2	30.12 73 67 63	"	4	7
11		4 2 2	2	30.13 72 67 63	"	".	7
Mid.	,	686	2	30.13 72 67 63		4	7

Mid 1 4 am. Cloudy with.		
Cloudy with	- aerelle breeze from	886. and & 6, E
F		Question.
4 6-8 am. p		Ensign U.S.M.
Cloudy, cleaning	last-hour, Become	ter rising Dentle to-
moverate breeze from St	E and South.	
		o 1. T. Mewton
8 am to Menty	de light-breeze from	Lieut-7.8.11.
Gear fine weath	a light breezen from	& & Loose sail
Diqualled to Jalla boosas And	-3455 ans. leff . Byo	row of Coming Officer
the following changes we	le made in patingo	J.M. Falvey (almores)
to (In In) Tand Bhas: and	Enson (Drepr) to Un	mover) Mustered at-
quartres and called away or	I boat armed a equip	bord for distant service
Ill peasy 1st Cather 4 and 03 occ.	2 no butter of myore. S.	1. Launch 7 "00 " St Laune
4nd 08 ord, M. Boal - 3 m syole.	Jig 4 an 20 occ.	600 6
Am of my, M. Boat - 3 m syrec,		V. My Man- Fold.
Merio lo 4 pm.	1 11 0	Ensign M.S.M.
Merio lo 4 pm. Clear and plea made sig. Intig 2984 lo 3a Intig 48/26 anso. Aff. Furn	sant. Dente briege,	rom 886. al 1.10
made sig. Intig 2984 lo Ja	ellepoosa ans: aff! (11-3.40 made signal
Intig 4826 anso. aff. Fur	led sail.	
		Cultone 31
Distilling. Distilling.		Ensigne U.S.M.
O lear fine wed	ther. Levelle breeze	from & S. and & 6.
Distilling.	0	las A. hay Fill
		M. My Main Tald.
8 pm lo Mid	1	Enofger a. D.M.
and E. Sr.	Veasant: Vight and	gente briege from 86.
and E. Sk.		Million,
		Ensign U.S.M.

LOG of the United States Stramer Essex"

At Montevideo Uruguay.

Name of Street																	
			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Clear Oths.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				686	686	2			30./3	71	66	63		b	Mone	10	
2				6 by M	East-	2			30.14					,	4	10	
3				On		2			30./3	/				be	cum	9	
4				60618	4	2			30.13	70	66	63			*	7	
5				1116	410	2			30.13					*	circus	in 4	
6				Milley	116	1			30.14					4		6	
7				MMay	*	/			30.15			1		-	4	8	
8				Morth -		/			30.16		/		/	4	*	8	1
9				6 by ll	200	2			30.17					4	nine	3	100
10				26	626	2			30.18					4	4	3	-
11			-	0200	206	2			30.18	/ /		1,				4	-
Noon.				26 by 8		2			30.17	72	71	67	-	4	cir cum	6	
Residence in column 2 is not				NAME OF TAXABLE PARTY.													

ourse and distance made good since preceding noon by observation	18,	knots.		tenths.
(Latitude by D. R.		0	,	"
Longitude by D. R.		0	,	"
osition at Noon: Latitude by observations of ⊙		0	,	"
Longitude by chronometer from Forenoon O	bservations of ⊙	0	,	"
(Latitude by		•	,	"
osition at 8 a. m. Longitude by		•	,	"
(Latitude by		0	,	"
osition at 8 P. M. Longitude by		•	,	"
irrent during the time, knots tenths per hour, se	etting to the			
ariation of the Compass by Amplitude ⊙ observed at Sunrise, shi	ip's head	0	,	"
ariation of the Compass by Amplitude ⊙ observed at Sunset,	и	•	,	"
ariation of the Compass by Azimuth ⊙ observed at	"		,	"
ariation of the Compass by Azimuth ⊙ observed at	"	0	,	"
ater expended during the preceding 24 hours,			34	o gallons.
ater Distilled during the preceding 24 hours,		/	153	7 "
ater remaining on hand fit for use at Noon,				0 "
al consumed during the preceding 24 hours,		/ to	ns /6	160 lbs.
al remaining on hand at Noon,		134	20	50 "

				The same of the sa	Name and Address of the Owner, where the Owner, which is the Owner, which i	
P. M.	SE	686	2	30.18 72 71 66	de aircum	7
2	,	"	2	30.18 72 72 66		7
3	686	"	2	30.17 73 72 67		7
4	"		3	30.17 73 72 67		8
5		4	3	30.15 73 72 67		8
6	^		3	30.14 73 72 67		8
7	East-	, "	3	30.14 74 72 68		8
8	"	East.	3	30.14 76 71 67		8
9	6116	6116	3	30.14 76 70 66		8
10	16 by 6	"	3	30.13 76 69 66		8
11	6116	4	3	30.14 75 68 65		8
Mid.	"		3	30.1374 6765		9

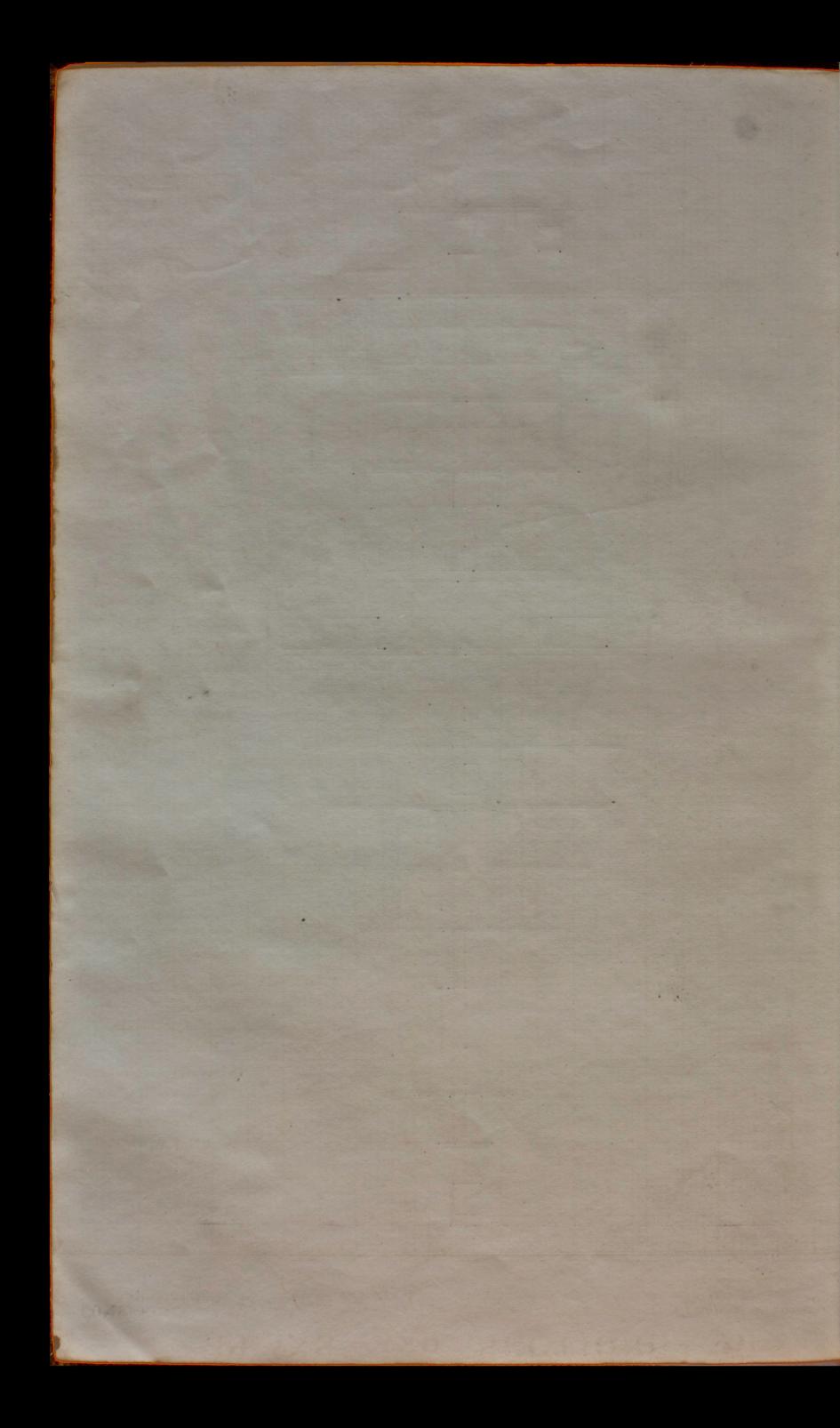
, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid 6-4 am. Clear and pleasant-Light-breeze from ESE lo East-Distilling Vicul-U.S. M. 5. Scrubbed clother. Voder national covides. stilling . Tallapoosa W. Ry Thas Full. 8 am lo Merid. nodon I.S.M. The Comog Officer assigned the following 686 486. alg.30 punishments . J. E. Joung (Salped) Profamily while Ty in 2 "08 oce 2 " Dis, 1.30; at work aloft- and dispersed-to-officer of forecastle Div, 1.25; Macin Quard when hailed - Red. to 2 nd class one month. a. R. 18 & guncotton locker good order Ulmirante Brown (Salphael) Seculoing clothes out of hours; - 2 entra for made international anchor watches: W. J. Mendel (S. App 2ch) Not coming aft-& Br. Lione when guns crew was called, - sanchor watches -Ensign U.S.M. Peter Buter (Sea), H. Junt (Safopace), N. G. Vloyde toulle breeze from ESE. Hot laying aft to boat falls - 2 extra anchor watcher ugages in blecking ship orders; - I extra anchor watch. Licit-U.S.M. Sear and pleasant. Sentle breege from \$86. all-6.00 went to fire quarters; times of streams as follows erg. 10 1. 00; 2 nd 1.020; 320 2.00; 42, 2.100. (11-7.30 stopled distilling and hauled fires: O. M. Stone Ensignal S.M. Som to Mid. Clear and pleasant. Sentle briege from &ME. Moone poor at 10. 30pm. Jugitwholman Xicul - 21. S. M.

Examined and found to be correct.

Le. K. lurson Lasse: Navigator.



, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid 6-4 am. Clear and pleasant Light-breeze from 686 6 Egot Distilling Shings Illy Johnson Sind 11. S. M. She answered & yr. N. and It. J. S. FR. S.J. Distilling . Tallapoora mast poutine signals: W. Ry Thas tull. 8 am lo Merid: went to general quaetops time as follows I'd Div neary in 2"08 "; 2" Sir, 1.30; 30 Div, 2.08; Marin Sured Sured Div, 1.25; Marin Sured 1.95; Made poutine signals at 9.46 Testes magazine & guncotton locker Sondel the Chilenn torpedo catcher left-the harbor mase international signal to her I. b. W. Merio lo Hen. J. b. S. W.

Merio lo Hom.

Merio lo Hom.

Lear and poleasant - Light-lo gentle breeze from ESE.

Distilling. H. M.S. Bramble came in Engages in blecking chip
outside land in painting the poop. Made monthly inspection of
gun cotton.

4 to 8 pm.

4 to 8 pm.

1 to land the force of the force of the second of th Sear and pleasant - Sentle breege from \$86. at-6.00 went to fire quarters; times of streams as follows - org. and hauled fires: Q. Mr. Stone 8 pm to Mid. Blear and pleasant. Sentle breeze from & ME. Moon poor at 10. 30pm. Jugitutolman Vieut-U.S.M.

Examined and found to be correct.

Le. K. lunson Laint; Navigator.

LOG of the United States Steamer Essex" Al- Monte video, aruguay.

		-	Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Hear other.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				East-	East-	3			30./3	71	66	64		be	cir cun	9	
2				"		3			30.11	71	66	64		4	+	8	
3				16	6116	2			30.11	71	66	64			4	7	-
4					4	2			30.10	71	66	64		*	4	7	3
5				, ,"	4	3			30.11	71	67	63	7	4		2	
6				11116	4	3			30.11	70	68	66		4	4	6	
7				ME by M	4	3			30.20	70	69	67		4		8	-
8				+	4	3			30.14	70	71	68				8	
9				216	4	3			30.14	73	73	68		*	cum ot	+8	
10				6/16	16	3			30.12	74	74	70		4	u	8	
11				Coby M	6716	2			30.10	/	2 .	100		,		6	
Noon.				Gast-	ME by M	3			30.09	/	1	/		" -		6	
									,								

Course and distance	made good since preceding noon by observation	ons,	kı	iots.	1	enths.		
	(Latitude by D. R.			0	,	"		
	Longitude by D. R.		fin	0	,	"		
Position at Noon:	Latitude by observations of ⊙			0	,	"		
	Longitude by chronometer from Forenoon	Observations of ⊙		0	,	"		
	(Latitude by			0	,	"		
Position at 8 a. m.	Longitude by			0	,	"		
	(Latitude by			0	,	"		
Position at 8 P. M.	Longitude by			0	,	"		
Current during the	time, knots tenths per hour,	setting to the						
Variation of the Con	mpass by Amplitude o observed at Sunrise, s	hip's head		0	,	"		
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,	"		0	1)	"		
Variation of the Cor	mpass by Azimuth ⊙ observed at	"		0	,	"		
Variation of the Cor	mpass by Azimuth ⊙ observed at	4		0	,	" 4		
Water expended dur	ring the preceding 24 hours,			3	52	gallons.		
Water Distil	les during the preceding 24 hours,			1	094	۷ , ,		
	hand fit for use at Noon,			2	8/0	"		
Coal consumed durin	ng the preceding 24 hours,			tons	190	o lbs.		
Coal remaining on h			131	4 "	15	0 "		

P. M.	- 1				1		
1	Elys	686	2	30.01 75 74 71	be	nine 4	
2	-	East-	3	30.06 75 75 72	4	. 6	
3	East-	"	3	30.05 76 75 71		. 6	
4	6.86	•	3.5	30.04 76 75 71	4 (cir cum 6	
5	East-	ENE	4	30.02 76 75 71	"	" 6	100
6	6/16	6/16	4	30.02 75 74 71	4	. 3	
7	Cast-		3	30.02 76 74 71	on.	. 0	-
8	ENE	"	3	30.02 77 73 70	bc.	. 3	
9		"	3	30.02 77 71 68	"	. 8	100
10	•	•	3	30.02 77 72 69	*	cir of 9	
11		"."	4	30.02 75 71 69		. 8	
Mid.	"	118	3	30.02 72 71 69		circum.4	-
					The same of the same of		-

Mid lo-4 am.	
blear Spight moon	Salle breeze from EllE. Executed made uniform signal as follows - follows by order of Rand Indicate Mi Lann of MSME. relients about from the
from Gast and 616.	
1,1-	Arriver
4 6 8 am. p	I recent - U.S. M.
Olear and pleasant. De	calle breeze from EME. Executed
morning orders. at 7.30 Sallaforosa	made uniform signal as follows -
Uf 18, Meg 18, Vose 15.	
	Osn Sjone
8 am to Mend	Ensiger U.S.M.
blear and pleasant. Light	to gentle briege from ME la-EME.
Consign W. O. Helling reported about	by order of Rear Admiral Mi Cann
for temporary dudy. Private Thibbar	5, USME. redurnes abours from the
I hospital. Receiped on board in Ezig	insero Debartment - the following
1/2 : 20/1- 1/2 / 1/2 : 1/1/11	11-9 - 00 1.11 .1 1
1 coupling 1/2" 2 ters- 1" 2 elboros.	1", 2 unions -1" Toross copper lacks -
Igallon alcohol. Ut 9.45 mass pr	outine signals
	outine signals. The socialist of gentle breeze light-wint squallo last-hour. John Some Stronger
Meris to 4 pm.	Lieut-U.S.V.
Carlly cloudy bleasa	nt weather. Light to gentle breeze
from 686. To East Several 1	light- wind squallo last-hour
	ist hour Moterate to gentle bruge
46-8 pm.	2 . Sint 71. 8. 71
Bloudy. a shower the	ind hour Moderate to gentle briese
from East to EME.	
	Ling Hillanger
8 pm to Mid.	Liet. U. S. M.
Sinnally clear an	ed pleasant - Sentle-to morenate
breize from 676 to 16.	d pleasant: Sentle Lo more pate
	Lisut-71. S. M
	P. 1-91-021

LOG of the United States Steamer Essex "
Al- Monteprideo, Uruguay.

			Reading		WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	lear ths.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				East-	ME.	3-4			29.98	73	71	69		oe	Him	0	
2				6 by M		3	-		29.96	73	70	68		4	4	0	
3				1,		3			29.95	73	,	68			4	0	
4				East.		3			29.94	473	70	68		4	4	0	1
5				*		3			29.94					och	4	0	
6				4		3			//	17	1			ocd	4	0	
7				6116	*	2			29.95	71	69	67		*	. "	0	
8				16	4	2			29.94	41	1	68		"		0	100
9				,"	6116.	2			29.93	72	70	69		ocm		0	
10				• 1	•	2			29.92	/				1	4	0	-
11				6 by 8		2-5			29.90		,	/		oc pm		0	
Noon.				1.		2-5	-		29.88					"		0	1
										-		1				1	

Course and distance	made good since preceding noon by observations,		knots.	tenths.
3	(Latitude by D. R.		0 ,	, ,,
	Longitude by D. R.		0 ,	, ,,
Position at Noon:	Latitude by observations of ⊙		0 ,	, "
	Longitude by chronometer from Forenoon Observ	rations of ①	0 /	, ,,
	(Latitude by		6 ,	, "
Position at 8 a. m.	Longitude by		0	, ,,
			0	, "
Position at 8 P. M.	Latitude by			, ,,
	(Longitude by			
Current during the t	time, knots tenths per hour, setting	to the		
Variation of the Cor	mpass by Amplitude 🔿 observed at Sunrise, ship's h	ead	0	, ,,
Variation of the Cor	mpass by Amplitude \odot observed at Sunset, "		0	, "
Variation of the Cor	mpass by Azimuth ⊙ observed at "		0	, "
Variation of the Cor	mpass by Azimuth ⊙ observed at "		•	, ,,
Water expended dur	ring the preceding 24 hours,		3	30 gallons.
Water	during the preceding 24 hours,			44
Water remaining on	hand fit for use at Noon,		24	480 "
	ng the preceding 24 hours,			/400 lbs.
Coal remaining on h			/33 "	

P. M.								
1	686	Gast-	4	29.85 72 71 69	och	cum nin	60	
2	"	"	4	29.84 71 70 68				
3	\$6		3	29.83 70 69 68	oer		0	
4	,	-	3	29.84 71 69 68			0	
5	Sby &	686	3	29.82 72 69 68	-		0	
6	886	"	3	29.75 7/ 69 68	be	cir cum	4	1
7		86	3	29.77 73 69 68			6	
8	South-	South-	3	29.78 74 70 68	4			
9	South-	886	4	29.78 76 70 70			5	
10	South-	South-	2	29.78 75 71 70	o c		0	
11	00	"	2	29.79 76 70 69	"		0	
Mid.	26	\$8.	2	29.78 76 71 70			0	1

, U. S. Navy,

Mid lo 4 am.	
Mid to 4 am. Overcast and cloudy, gentle bruge for H to 8 am. Overcast. Showing first hour, vecasional Sentle to light bruge from M6. Reed for use of oright vegetables and I golfe bread.	on 16. , a.
	W. Ray Mason Held.
4 6 8 am.	Ensign U.S. M.
Overcast, Showery first hour, vecasional	driggle after that.
Sentle to light breeze from M.G. Reed for use of	- crew 16/14 lbs - Each brich
forest vegetables and & golfo bread.	
	July Leutolivan
8 am lo Merid	Link . 21. S.M.
Cloudy with scotch mist - Light to mor	Erate briege with from
moterate squalla last nor hours; At-930 inspected	at quarter -
	Tot miles
Merit to 4 pm.	Linut-U.S. 11.
Overcast and raines. Moderate to as in	Me bruss from Gast -
	MR Hand Sill
4 lo 8 pm	Conserved S.
Cloudy, cleaning latter part- Lindle breeze	from 686 1 - South:
	J. J. Janes
8 pm lo-Mid	. Lieut 4.8.11
Generally overcast - light - bresses by	8/1-86 Sent-
steam launch in for satity-	
8 am lo Merid Blowdy with scoth mist - Light to more More pate squalls last for hours; At goo inspected Meris to 4 pm. Corneast and painty. More at to gen 4 lo 8 pm blowry, cleaning latter part Lindle breeze 8 pm b Mid Senerally overcast; light briggs for strain launch in for safety.	W. Kan Mary Hell.
	Gusian 7/8 11
	July St. S. M.

LOG of the United States Steamer Essex .
Al- Montevideo, Uruguay

400000									/								
			Reading		WIND.				BAROME	TER.	TEMP			State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force,	Force. Heel. Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea	
A. M.				86	838	3			29.78	75	70	70		ocm	Cum nim	40	
2			-	8 by 6	South-	3	-		29.78	75	-70	69		4		0	
3				South -	"	3			29.78	74	70	69		4	4	0	1000
4					4	3			29.78	74	69	69	133	bene		4	
5				*	,	2-4			29.78	74	69	68		begin	nimb	2	
6				8811	. "	2-4			29.79	73	69	67		"	4	1	
7				South-	886	3			29.79	72	69	68		bem	4	1	1
8				4	"	2			29.79	72	70	68		4	4	1	-
9					South-	2			29.84	72	70	68		be	4	1	
10	100					2			29.85	72	71	69		4		1	1
11				7 2 5		2			29.80	73	72	70		4		2	
Noon.				\$ 8 W	"	2			29.86	74	72	70		4		4	
									1						-		1

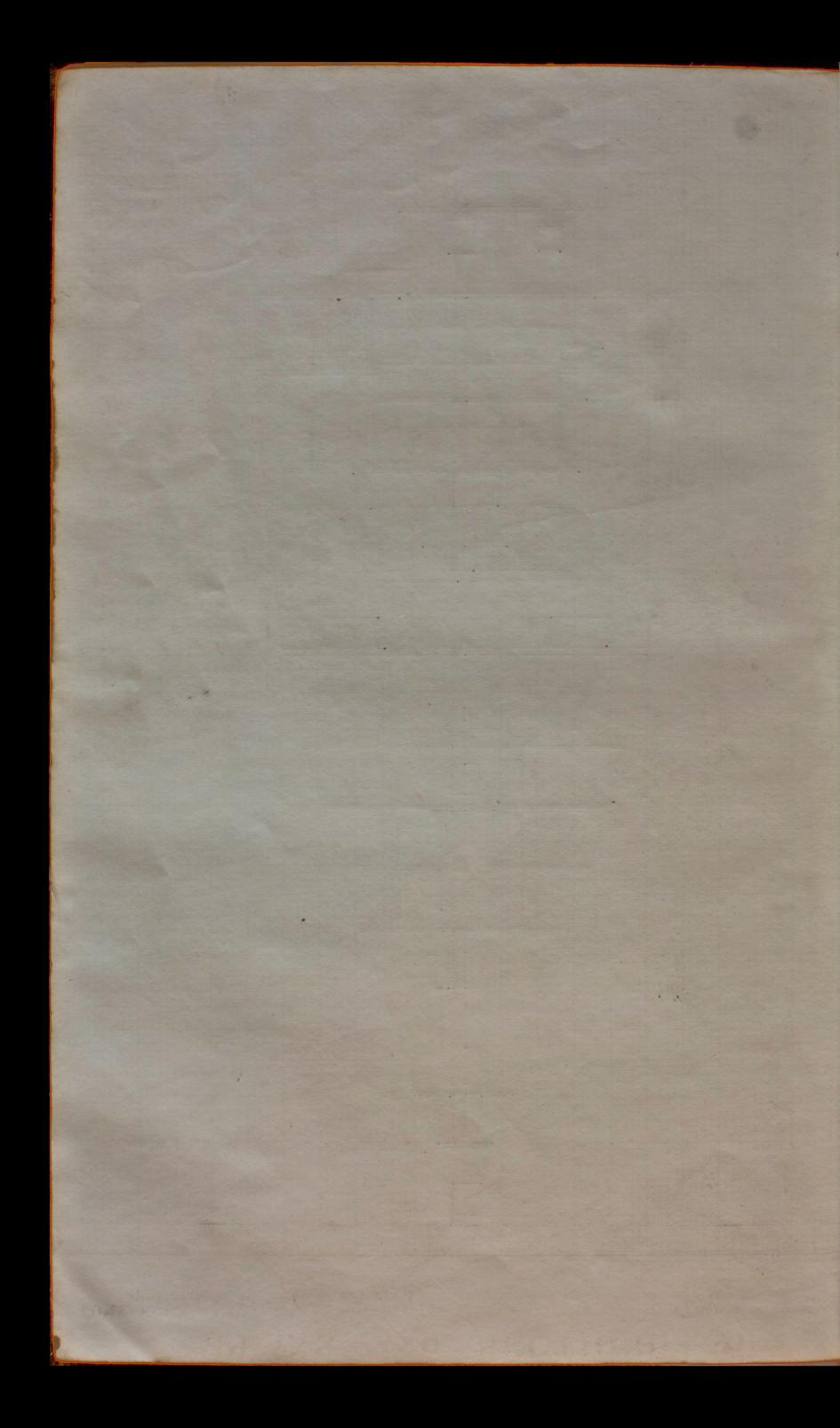
Course and distance	made good since preceding noon by observations,	knots.	te	enths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	".	
Position at Noon:	Latitude by observations of ⊙	0	,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"	
	(Latitude by	0	,	"	
Position at 8 a. m.	Longitude by	0	,	"	
	(Latitude by	0	,	"	
Position at 8 P. M.	Longitude by	۰	,	"	
Current during the	time, knots tenths per hour, setting to the				
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0	,	"	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0	,	"	
Variation of the Con	mpass by Azimuth ⊙ observed at "	0	,	"	
Variation of the Con	mpass by Azimuth ⊙ observed at "			"	
Water expended du	ring the preceding 24 hours,	·	137	gallons.	
Water	during the preceding 24 hours,		/	"	
Water remaining on	hand fit for use at Noon,	2/	43	"	
Coal consumed duri	ng the preceding 24 hours,	tons	40	to lbs.	
Coal remaining on l	and at Noon,	/33 "	59	90 "	
			-		

P. M.	South-	South-	2	29.86 74 73 70	le	rimb	5-
2	*	. "	2	29.86 75 73 71	*	4	5-
3	1		2	29.85 75 74 71	"	cir str	6
4		SSW	2	29.8576 74 72	"		6
5	007-	*	2	29.85 79 75 72	4 '	cum otrat	
6	SAN	00	1	29.85 76 75 72	*	"	8
7	South -	36	1	29.85 75 75 72			9
8	"	2 71 5	1	29.86 75 75 72	100	-	9
9	26	ENE ME by E	2	29.86 74 74 71	bel	"	9
10	886	16 by 6	2	29.86 73 72 70	"	1	9
11	676	118	2	29.86 76 70 68			9
Mid.	110	"	2	29.86 74 69 67		1	9

Mid lo 4 am.	
Barometer steady.	E from & SEX South -
Barometer steasy.	
4 am to 8 am. Porcast & cloudy with occasional	J. T. Mewlow
Overcast & cloudy with recognized	short intervalor I have
Light briege from Douth to DSG with occasional light	1- squallo - first from hours -
Teed 16/4 love fresh best, 16/4 low vegetables - and gollo	read in Pay Defot? UT7.00
om to Mexid.	d poyal yardo at-7.30.
he boundy Officer assigned the following punishments:	Lieut- 21. S. M.
Vanda Officer assigned the following punishments: Dank Parker (Lds.) Not obeying orders of steward, braking	South - Must treed and inespected
R. crockery - 4 Mid. watches: Thos: Hafulo (Stg. Book) & M. Ros.	drills : Ensigne W. O. Holme
grux (Lds.) breaking M. R. crockery - 2 Mid watches - Jal.	8. 8. Tallapoona. a Board
R. crockery - 4 Mid. watches: Thos: Hafulo (Sty. Loose) & M. Rot. grux (Lds.) breaking M.R. crockery - 2 Mid watches - Oat: D. Brien (Tot) Not saluting officer - 6 hours extra	ors out of courtise to
ety.	ao maginarico inter.
W caid 1: 11 per	Willy Masy Tild.
Merid to 4pm. Bright-and pleasant. Light-brigge	Sondign a. S.M.
of grand with Jorean Signi prizege	1. Mewlow
4 6-8 pm. p	, Lieut-U.S.M.
1. the Sear fine weather, light-briege	from MM6. Made signal
4 lo 8 pm. Sear fine voralier, light-bruge lo Tallapoosa Ind. 6068 and sent-down light book absent without leave. The Brazilian in and anchored.	Thansbook Proper care
in and anchored.	W. Ry Masn Fill
C / 1:211 · 1	Ansign U.S. M.
Spon to Mid. Blear and pleasant. Bar. Light breeze from Mid & Ed	
Sight breeze from My x Ed	omerce or larg.
July July July July July July July July	17. Newter
	Lieut- Il. S.M.

Examined and found to be correct.

le. K. lunt



Mid for 4 am. Med to 4 am. Overcast and pleasant. Sentle breeze from & &Ex South -4 am to 8 am. Lieut. U.S. M. Light-brugg from South - to 886 with - occasional short intervalo of dear sky. Tallaporsa mare dress signals - aff 15; Mrg 18 & Posis 15 and time signal at 7.00 Dit 7.15 mas 2 Int- 6071, Tallapoosa and aff, crossed royal yarso at 7.30. Fair weather, light breeze from South Must end and judged is 8 am to Merit at quarters and exercised devisions at poutrise drills: Ensign W. O. Juline who detaches and ordered to report on board U.S. S. Tallapoona. a Board Sarticles in Havigation Ist. Half masted the bolors out of courting to Thruguayan Men-of-war in harbor, who has half masted theirs: Merid lo 4pm.
Bright-and pleasant-Light-breeze from B. Barometer steady. 4 lo 8 pm. fine weather, light-briege from MME. Made signal lo Sallapoorsa Sus. 6068 and sent-down light-yards: Thorthout Stop book absent without leave. The Brazilian Thansport Perus came in and anchored.

W. Ry Masu till drusign U.S. M. Spon to Mid. blear and pleasant. Barometer strasy. Sight breeze from Mix & Ed Lieut- Il. S.M.

Examined and found to be correct.

le. K. Sunti Zani - Navigator.

LOG of the United States Steamer Essex , 3rd Rate,

								0									
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	ceway.	Height in inches.			Air, Wet Balb.	Waterat Surface,	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
E	12	F				H	H	7			A.	A	2"		-	400	TO .
A. M.				688	7118	1			29.87	71	70	69		be	cir cum	9	
2				86		-1			29.86	169	68	67		4		9	1
3				East-	4	1			29.86	. /				*	4	9	
4	20			606	4	1			29.87	68	68	67	133	4		7	
5				East-	Morth-	3			29.86	69	67	66		bemn		7	
6				116	1/1/6	2			29.88	67	63	-64		bem	"	5-	
7				M by E	,	1			29.91					"		5	
8				11/1/10		1			29.94	471	67	66			cu	4	
90				716.	686	3			29.94	/		11		oc	cum of i	0	14
10				,	4	3			29.94	171	70	68		&c		4	
11				•	East.	3			29.94	/				4		4	
Noon.				E by &		3			29.95					*	eir cun	6-	1
							-	-									

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ⊙	0 ,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	,,
		0 ,	"
Position at 8 a. m.	Latitude by	0	,,
	Longitude by		"
Position at 8 P. M.	Latitude by		
		•	"
Current during the t	ime, knots tenths per hour, setting to the		
Variation of the Cor	npass by Amplitude ⊙ observed at Sunrise, ship's head	0	"
Variation of the Cor	npass by Amplitude ⊙ observed at Sunset, "	0	"
Variation of the Cor	npass by Azimuth ⊙ observed at "	0	"
Variation of the Con	npass by Azimuth ⊙ observed at "	0	" *
Water expended dur	ing the preceding 24 hours,	3	HO gallons.
Water	during the preceding 24 hours,		* "
Water remaining on	hand fit for use at Noon,	180	J "
	ng the preceding 24 hours,	tons /33 "	400 lbs.
Coal remaining on h		133 "	190 "

							-
P. M.					1		100
1	E by &	East-	2	29.90-74 7369	be	circun 4	
2	SO by S	688	3	29.90-7373 70	4	" 6	
3	SE by 6	"	3	29.94 73 73 70		" 6	1000
4	6ast	East-	3	29.92 74 74 71	4	" 6	11/
5	6 by d	6 by 8	J	29.90 74 74 71	4	" 4	1
6	6 3/471	6 by M	3-4	29.90 74 74 70		" 4	
7	6 by S	Eby &	3	29.90 77 77 70		cir cum 2	
8		6 hst-	3	29.90 77 77 70	4	cir otra 2	130
9	716 by 6	6716	3	29.90 78 78 70	1 2	" 4	350
10	116	"	4	29.90 78 78 70	bel	. 6	
11	,	East-	3	29.90 78 78 70	4	. 6	
Mid.	21718	16.	1	29.90 78 78 69	4	. 8	1

Mid lo 4 am. Sear and pleasant: Light-airs of the Sam. Bear fine evealher light-brage to light Made signal to Tallepoosa Int-6069 and as Tallepoosa made pouting signals: Sam to Merid Bright and pheasant: Barometer so from ESE and East. At-9.30 mustive at-9.	
Lear and pleasant: Light- airs.	from MM6.
	Dellone
4 lo-8 am. 1	Ensign U.S.H.
Sear fine weather light-breege to lig	ht- airs from MME.
Made signal lo Tallasoosa Int-6069 and as	1-7.30 clossed lightyars.
Tallapoora maté poutine eignals.	Will have till
5 224 1- Mais	1. My man mark
Bright and Changel - Baronster	leady Marilla besse
from 656 and East at-9.30 mustices at-9	nactive and offer avones
Sexercises crew at loosing to a bowline and forses to a bowline . Absenter: :M. J. Ober (2) (676) and Thos: Stafuto (Sty. book)	burling . Left the sails
lorsed to a bowline. absenter: M. J. Ober (2)	rum) . J. Simonson
(BFb) and Thos: Safuto (Sly. Book)	
Meris to 4 pm. Mostly clear & pleasant: Senthi	J.T. Mewlow
Merit to 4 pril.	Lieut d. S. M.
1 - L- & & Mostly dear & pleasant: Sentle	and light breezes from
Sail went to quarters at 1.40 and server	26. and off. Turled
MI Obje (Down) refundet on back & land	visting nammons
M.J. Obir (Dum) returned on board 8 hours or	a Oblixione
4 6 8 pm.	Ensign U.S.M.
Courty & pleasant. Baromster	strasy. Sentle-la-
Ho & pm. Course & pleasant. Baromster more pale briege from Ed Sent down le	ight-yhos at-5:00
1. Demonson & Fb resurred on board 12"	vis-overtime.
5 1 - m. 1	1. Mension
8 pm 40 Midin 10-1	ient U.D.M.
8 pm to Mid. Mostly dear Sentle to move pat and ENE. Lightning to Southward.	E preeder from Carl
are on o. Lightning to Soundaro.	Quistone
	Ensign U.S.N.
	Joney a pro

LOG of the United States Steamer Essex , 3rd Rate,

			Reading		WIND.				BAROME	TER.	TEMP	ERAT		State of	Forms of	Clear oths.	ne Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Mby 6	1116	3			29.90	75	- 7/	69		bal	ar cum	6	
2				216 by 11	000	4			29 89	73	7/	69		be		4	
3				ME ON	200	3			29.91	74	72	70		4	-	3	
4				6 by /	Cast	3			29.91	74	17/	69		1 1	1 4	7	
5				6,00	6/16	3			29.92	/	1	1		bel	-	8	
6				16 by 6	9/18	3			29.93					,	cit cum	8	
7				1116	116	3			29.9.	/	/			bern	eit cum	3	
8				11 by 6	2 4/5	2			29.95	-		10		0	4	1	
9				North	6/16	2			29.94	74	73	71		de	u	6	
10				Ongo	7/6	1			29.96	16	175	72	,	"		17	
11				11616	le of E	2			//	76		74		1	4	6	
Noon.				6/16	6116	1			29.94	11	11	14		kem	4	0	

Course and distance	made good since preceding noon by observation	ns,	knots.	tenths	
	(Latitude by D. R.		0	, ,,	
	Longitude by D. R.		•	, ,,	
Position at Noon:	Latitude by observations of ⊙			, ,,	
	Longitude by chronometer from Forenoon C	Observations of ⊙		, "	
	(Latitude by		•	, ,,	
Position at 8 a. m.	Longitude by		•	, ,,	
	(Latitude by		0	, ,,	
Position at 8 P. M.	Longitude by		•	, "	
Current during the	time, knots tenths per hour, s	etting to the			
Variation of the Co	ompass by Amplitude o observed at Sunrise, sh	ip's head	•	, ,,	
	ompass by Amplitude ⊙ observed at Sunset,	"	0	, ,,	
Variation of the Co	ompass by Azimuth ⊙ observed at	"	•	, ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at	"	۰	, ,,	
Water expended du	ring the preceding 24 hours,		3,	28 gall	ons.
Water	during the preceding 24 hours,				u .
Water remaining or	hand fit for use at Noon,		/.	475	u
	ing the preceding 24 hours,		tons	475	lbs.
Coal remaining on	hand at Noon,		/32 "		"

P. M.		1						
1	36	686	2	29.94 77 78 75	ber	cir cun	1	-
2		6	2	29.94 77 79 76	octr			
3	,	4	1	29.94 77 77 75			0	8
4	*	8,6	1	29.92 76 76 75			0	
5	& by W	4	1.	29.90 77 77 75	ocm.	4	0	
6	& B W	4	1	29.89 77 77 75	acr	, "	0	
7	"	Sil	1	29.87 79 77 75	-	4	0	1
8	& W by W	wnw	1	29.87.80 78 76	ac	ninb-	0	
9	SHor.	& by /	1	29.86 79 77 74.		14	0	
10	Sin	East-	1	29.85-78 77 75	"		0	
11	"	"	1	29.86 78 76 75	acl	4	0	
Mid.	WSW	716	1	29.84 78 77 75	4	4	0	

under the command of Commander A. S. Snow Wednesday, February 4th

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid lo 4 am. Clear fait part-with heat lightning in the SE first hour clear last hour Sentle lo more part briege from Mille first-Mid lo 4 am. Jung Abstraman Lieut 2. S. M. 5 am Lo Merid. 9 6-Sid. Barometer The Bounda Officer assigned the following punishments viz Pl. Miller (Sdo) Disobeying 1. Hewlow Lieut Il. S. H. orfing reduced to 4 th class and 6 Mid watches: ega and light - airo from It. Viraly-Ky (S. apposed) Disobeging orders of B. B. Matilsent without leave alpreduced to 2 no class: M. S. Ober (Dum) & hours overtime as duced to 2 no class: J. Simonson (b. Fb) 12 hours overtime Ensignal S.R. Asduced to 2nd class:

Viege to light airs from

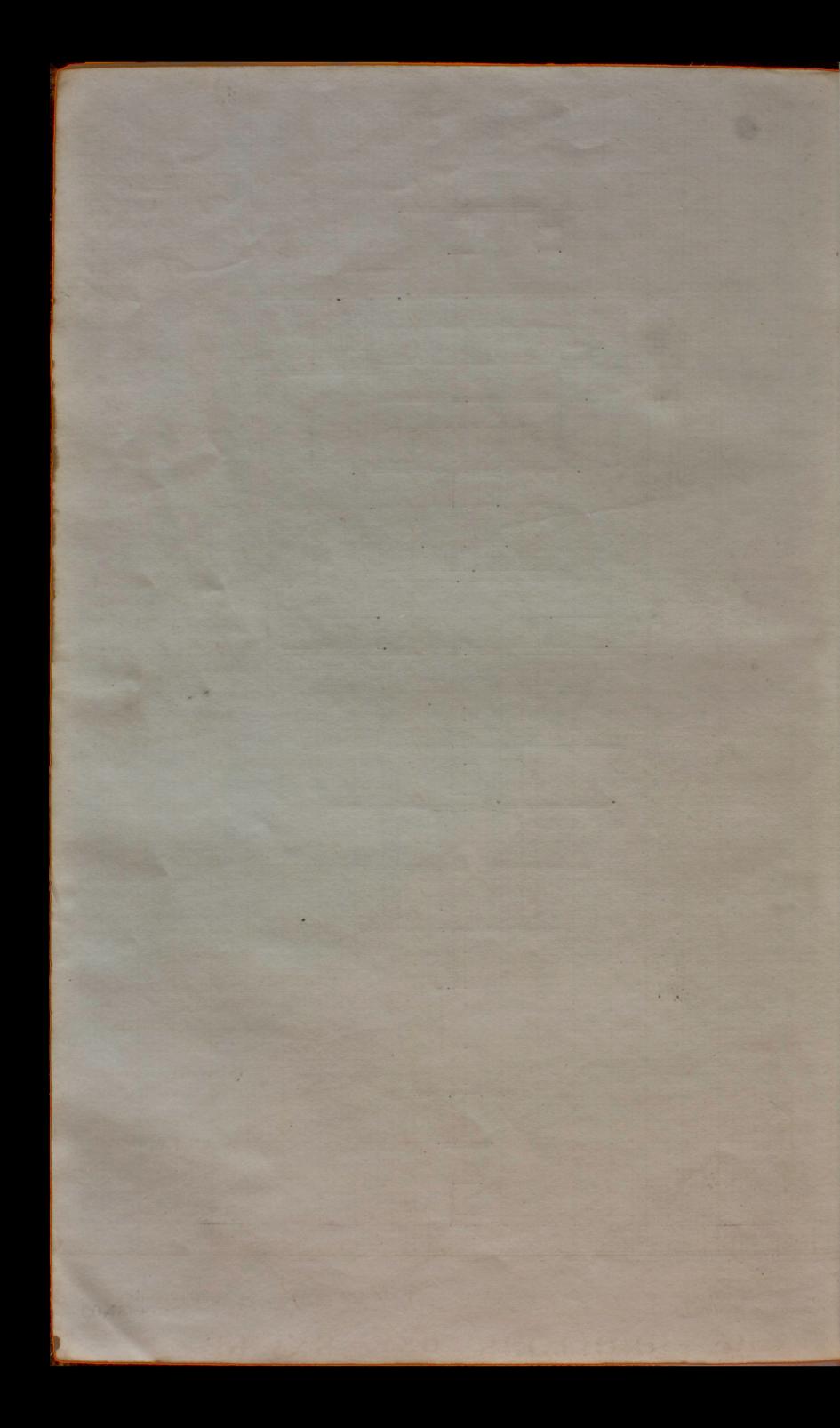
Int-3918 and Off. Piped down serubort hammorks and at 100

furned them in at-quarters. Sent-a liberty payty ashore.

Gurffoll of man Gur gla Wolman Light- airs from SE, SU also WMW. Que anso shourd. Ensign Il. S.M. Edy H. bo ME. Heatlightning at intervals. Jengo Ilb Holman Licut - U. S. M.

Examined and found to be correct.

L. V. leursi Zair Navigator.



under the command of

Wednesday, February, 4th

, U. S. Navy, , 1891.

Mid lo-4 am.	
hour clear last-hour Sentle lo more, livo hours - Gentle breeze from between the East-hour.	- lightning in the SE prish
hour clear last-hour Dentle lo more,	rate briege from n'il first
Ivo hours: L'enlle breeze from between	MI Eland SE third hour and from
Cast last hour.	Jung Hos Holman
4 6 8 ans.	-1. 11-2 7
Steady gentle to light breeze from Mix	ght ring 6 &d. Burometer
Steady, gentle to light breeze from Max	Ed.
2 - 1 - W :-	J. T. Mewlene
8 am to Meris. 8 am to Meris. Elean and pleasant. Jen ENE and NE. At 9.30 went to quarker. company drill. Thor. Nafuto (Sty book). 9.45 mass routine signals:	He breeze med light - minch
ENE and NE. al- 9.30 went to quarter.	and Exercised divisions at-
company drill. Thor. Tafuto (S/g book)	was absent without leave . at-
9.45 mare routine signals:	0.
Mais 1- 4 dry	Elistone 9
Merio lo-4 pm. Est 1-86. Occasional distant of Jul-39/8 anso aff. Piper down serious de lurised them in at-quarters: Sen	aht-breeze 1 - light nin from
686 1586. Occasional distant	hunder. Wir made signal
Int-39/8 anso aff. Siper down ser	ubbet hammocks and at 1.00
turned them in at quarters. Sen	Gurd Surran
4 1- 8 dru	Sient-U.S.M.
Light-airs from SE, SW aho Wi	ith light - rain 2m ans 3 hours.
Light airs from SE, SW aho W,	Mal.
2 days 1 - 211:-	Ellisione 9/2/2/
Spring mis. Joseph Sight - in	In El MI- ME Vist-
lightning at intervals.	rone pagn a no.m.
8 pm to Mis. Specaol. Light-wird lightning at intervals.	Jengs Whalman
	Sieul-U.S.M.

LOG of the United States Stramer Essex , sed Rate,

					WIND.				BAROME	TER.	TEMP	ERAT	URE.			ar.	Sea.
Honr.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				MME.	ENE,	3			29.80	77	77	70	•	Saml	cum di	-4	
2				South-	Horth -	3			29.79	77	76	75	-	4	и	1	
3				686	"	2			29.79	76	76	74		и	4	2	
4				\$6	MMM	3			29.76	76	76	74	1	oem	4	0	
5				SSE	MA	3			29.76	76	76	74	4	lel		1	
6				South -	WIM	4			29.78	76	76	74	4	oc	cum un	uto	
7				WSW	WEST-	2-4			29.79	75	35	174	+	ocapo	4	0	
8				Sw.	9128 M	3			29.81	75	- 75	74		"	u	0	
9				MW by M	mmm	2			29.84	74	73	7/		oc	uind	40	
10				SE	non!	2			29.86	74	74	7/		u	a	0	13.00
11				882	8894	4			29.88	75	474	7/		de		2	
Noon.				//.	4	4			29.89	75	72	70		n	-	2	
									/ //	,	/	/					

Course and distance	made good since preceding noon by observatio	ns,	knots		tenths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of ⊙		0.	,	"	
	Longitude by chronometer from Forenoon (Observations of ⊙	•	,	"	
	(Latitude by		•	,	"	
Position at 8 a. m.	Longitude by		0	,	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	(Longitude by		•	,	"	
Current during the	time, knots tenths per hour, s	etting to the				
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, sh	ip's head	0	,	"	
Variation of the Con	mpass by Amplitude O observed at Sunset,	"	•	,	"	
Variation of the Con	mpass by Azimuth O observed at	"	0	,	"	
Variation of the Con	mpass by Azimuth O observed at	"	0	,	"	
	ring the preceding 24 hours,			332	gallons.	
Water Dist	fled during the preceding 24 hours,			27	5- "	
Water remaining on	hand fit for use at Noon,		14	4//8	<i>e</i> "	
	ng the preceding 24 hours,			ons /	200 lbs.	
Coal remaining on h	and at Noon,		/3/	"2	170 "	
				1		

P. M.						1997		
1	South-	South-	4	29.89 74 74 68	be	nimb	2	
2	Sby E	South-	4	29.90 75- 72 68			1.	
3	1.	*	4	29.89 75 73 67		cir cum	1	
4	South-	" "	4	29.89 74 73 66		4		
5	0,0	Snby S	4	29.88 75 73 66	"			
6	Sby &	"	4	29.88 75 72 66	4	1	9	1
7	7	4	4	29.90 76 72 65	4	4	8	
8	South-	0 00	4	29.9077 72 65	4	4		
9	537	S\$97	4	29.92 77 72 63	be	4	8	18
10	4	"	4	29.94-76 70 64	,,	•	8	1
11	, ,	"	4-5	29.96 76 69 62	14	4	8	1
Mid.	South-	South-	56	29.98 74 68 59	-		8	-
								1

Mid lo 4am.
Cloudy and misty. Light ring all about the horizon Smile to light - beege from 616 to 11 W. Barone tra falling. Thrown Lind. S. 12 Jone Will to WS W. Executed morning orders: Started fires for lows of 16, Mig 9, Corn 15.

Sam to Merit. Loudy. Sight foreign from Mill to Mig 9, Sight foreign Crising. It. S. M.

Sam to Merit. Loudy. Light breeze from Mill to Mill. Shifting letter bank of Mill to Mill. Shifting latter part- lo & Dir with force of 4. & al- 9.30 mustined at quartersand has divisional drill. At-9. 45 made poutrice signals. The Commanding Officer with there officers - went ashore The Low mandying officer with the officers were and to attend the further of Lebraral Paurice Distilling.

Merid to Home Castly cloydy, pleasant wather, misty along horizon.

Moserate brings from South-with moserate sea. The borney and other officers peturned at 2 pm. Distilling, Ho & pm. blear and poleasant. Moderate breeze from Sir by & Round harbor sea. At she argentime man-of-var Almirante Benear got-under vay and stood up the piber Distilling Williams Spin Lo Mid. Sicul-U. S.M.

South South Gint unsteady in force last one hours:

Rough sea. Distilling. Linet: U.S.M.

Examined and found to be correct

LOG of the United States Steamer Essex , 3ed Rate, Al- Montevider, Uniquay.

										0						-	-
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	lear ths.	e Sea.
Honr.	Knots,	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				South-	South-	4			29.99	2 72	68	60		be	cir cun	. 9	
2					4	4			29.98	72	68	60		u	4	9	
3						5			//	/	68			4	4	9	
4					4	5			29.96	71	68	60		u	a	9	
5				Sby M	28 W	3-5			29.96	1				bg	none	10	
6				3897	24 . 1	3-3	-		29.98					u	4	10	
7				4	& Wby 8	3-0	-		29.99	968	67	34		a	4	10	
8				8%	"	3-5	•		30.02		101			a		10	
9				4	4	3-5	-		30.05	69	66	58			4	10	
10				•	891	3-5	-		30.04	69	67	18	- 1	4	4	10	
11						3-5	-		30.04	170	67	18		4	4	10	
Noon.				4	"	3-0	-		30.04	-70	67	60		begr	cum	8	
										/	_				TO DESIGN		

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0	, ,,
Longitude by D. R.	0	, ,,
Position at Noon: Latitude by observations of ⊙	•	, ,,
Longitude by chronometer from Forenoon Observations of ⊙	0	, ,,
(Latitude by	0	, ,
Position at 8 a. m. Longitude by	0	, ,,
(Latitude by	0	, ,,
Position at 8 P. M. Longitude by	•	, ,,
Current during the time, knots tenths per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0	, ,,
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	o	, ,,
Variation of the Compass by Azimuth ⊙ observed at "	0	, ,,
Variation of the Compass by Azimuth ⊙ observed at "	0	, "
Water expended during the preceding 24 hours,	j	335 gallons.
Water Distill & J during the preceding 24 hours,		35 "
Water remaining on hand fit for use at Noon,		18 "
Coal consumed during the preceding 24 hours,	/ tons	960 lbs.
Coal remaining on hand at Noon,	/30 . "	960 lbs.

. M.	12 0-						
1	SW by Ir	891	3-5	30.05 70 68 61	be	cir cum	4
2	Soy W	389v	3-5	30.04 71 68 61	4	4	6
- 3	Sby W	25°9V	J-5-	30.04 71 68 61	4	4	6
4	000	"	3-5	30.04 72 68 62	4	4	6
5	Soy W		4	30.02 73 68 61	begg	"	6
6	0 1	4	5	30.02 7/67 60	4	4	7
7	South-	•	4	30.04 72 68 61	*	4	5
8	S by W		4,	30.05 73 66 59			6
9	0" 1		3-5-	30.05 73 66 60			6
10	South-		4	30.06 74 66 60	de		6
11	0"1 1	South-	3	30.06 72 65-54		4.	
Mid.	Sby &	"	4	30.06 71 65 59	4	4	5

Mid to 4 am. , ,	
Mid to 4 am. Blear fine weather or South- Distilling 4 to 8 am. blear and poleasant. De. Sough hagbor see	coorate to stiff bruge from
the state of the s	Willy Many Fill.
4 lo 8 am. flore and lole and the	11-1- till hars U.S.M.
Sol lo & Way S. Rough hazbor see	a. Distilling Ascid on board
Soruse of crew 116/4 lhi such fresh mis Stread. Al-7 Tallafo oosa mase do time signal.	at and vegetables and 93 fbs
time signal.	es signalo and al-7.30
8 am to Merid	Jang Lyll John an
Stear and pleasant over	chead. Sentle breeze from
Of with prequent-light to moderate	E squalls. Tough sea. U-
9.30 wents to Sent Quarters - 10th div p	easy in 4m 05° 2 no dir in
Engradir in 4m 40 oce Vay in 1.	To oce Marine Quart 3 m 30 occ
Thouse & aberta Dia house abos und - with =	- I same Mintilling
order good and and and	Thrilm
Thos: Hafuto (Sty book) aboent-with or Meris to-4 pm.,	Lint, J. S.M.
Meris to 4 pm. blear five eveather. SS W Mass signal Int- 29,84	gentle to stiff briege from
Meris to-4 pm. blear five evealure SS W. Mase signal Int. 2984	gentle- to stiff briege from and yes: Cifed down scrub
Meris to-4 pm. Blear fine overather SS W. Mass signal Int- 2984	gentle- to stiff briege from and yes: Tiped down scrub
Meris to-4 pm. Blear fine overather SS W. Mase signal Int- 2984	gentle- to stiff briege from and yes: Tiped down scrub
Meris to-4 pm. Blear fine overather SS W. Mase signal Int- 2984	gentle- to stiff briege from and yes: Tiped down scrub
Meris to-4 pm. Blear fine overather SS W. Mase signal Int- 2984	gentle- to stiff briege from and yes: Tiped down scrub
Meris to-4 pm. Blear fine overather SS W. Mase signal Int- 2984	gentle- to stiff briege from and yes: Tiped down scrub
Meris to-4 pm. Blear fine overather SS W. Mase signal Int- 2984	gentle - to stiff briege from wood yes: Cifeed down scrub N. Ry Man Fill otif briege from SSM. Tregues Enge to S. Ross and Sient J. V. layo leave. Licit. 2.8. H. - more gate briege from SSM.
Meris to 4 pm. Blear hier everalier SS W. Mas & signal and 2984 and wash clother. 4 to 8 pm. Partly cloudy More pate to more rate squallo: Rough sea. Dief B. Bleecher left the ship on ten and South: Distilling.	gentle- to stiff briege from and yes: Tiped down scrub

Examined and found to be correct.

lo. K. Sentis Lind Navigator.

LOG of the United States Steamer Essex", 3rd Rate,

			Reading		WIND.				BAROMETER.				State of	Forms of	Hear oths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leewny.	Height Ther in inches. att'd	Ther. Ar. Dr. A. Ar. Ballb. Wet att, We	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se	
A. M.				834	South-	2			30.07 70				1	in cum	3	
2				WEST-	, 10	2			30.07 69					4	4	
3				* 20	SS'W	2			30.07 68	63	57	-	2	4	6	
4				SS W	*	2			30.06 68	63	38		*	2	9	
5				South-	*	1			30.056	62	57		•		9	
6				"		1			30.05-66				de	cir	9	
7				286		1			30.0666	64	60	-	b.	none	10	
8				894	NIN	1			30.06 66	64	60		4		10	100
9				Why N.	grest-	1			30.0967	65	-59	,	(4	10	
10				20/1	8%	1			30.09 68					4	10	
11				"	4	1			30.09 69				1	*	10	
Noon.				NW		1			30.09 69				4		10	
							-									

Course and distance made good since preceding noon by observations,	knots, tenths.
(Latitude by D. R.	0 / //
Longitude by D. R.	· , ,,
Position at Noon: Latitude by observations of ⊙	· , ,
Longitude by chronometer from Forenoon Observations of ⊙	· , ,
(Latitude by	. , "
Position at 8 a. m. Longitude by	. , ,,
(Latitude by	0 , "
Position at 8 P. M. Longitude by	0 , "
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	· , , ,
Variation of the Compass by Azimuth ⊙ observed at "	0 , ,
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Water expended during the preceding 24 hours,	355 gallons.
Water during the preceding 24 hours,	527 "
Water remaining on hand fit for use at Noon,	2/90 "
Coal consumed during the preceding 24 hours,	/ tons 360 lbs.
Coal remaining on hand at Noon,	129 " 850 "

. M.							
1	\$ %	\$39	1	30.08 69 70 63	6	none	10
2	88 W	4	1	30.08 71 71 63			10
3	South-		1	30.06 71 7/64	4	K	10
4	"	356	1	30.06 71 71 64			10
5	\$6	\$ \$ £	2	30.02 73 70 64		4	10
6	*		2	30.02 73 70 64			10
7	\$ E by E	686	2	30.03 75-70 63	4	*	9
8	"	"	2	30.04 75 70 63	4		9
9	"	Ebyn	1	30.0474 70 63	4		10
10	•	1	1	30.05-73 69 64			10
11	636	ENE	2	30.05-70 68 64		-	10
did.	"		3	30.03 71 67 64			10

Mid lo 4 am. Clear and pleasant Light airs from South, and SSW. R. Miller (Lds) stood he watch by order of Coundy Officer. 4 lo 8 am. Clear and pleasant Vight airs from Hest lo 8 %. at 8.00 hoisted senior officers bennant:
Q Willes (Lie) the world- Light-airs-from South- and &89%.
M. Mewlar
46-8 am. Lieut 21.8.11.
hoisted senior officers pennant:
1-0.
8 am to Merid.
Sam to Merid. Slear frier weather, light airs from West and S.M. Sent an officer to board the Uruguayan gunbout " Juareg" The Tallapoora made the usual pouting signals. Jos. Coony (Pot) petures from liberty 2/2 hours over Sins. Thos. Fafuto (Sty book) about without leave the My Masin tall.
Alha usual pouting signals for Cooney (Post) pedures from liberty 2/2
hours over sinie. Thos: & afuto (Dig book) about without leave. In Ray Musin Full
Merio to 4 pm. Ensign 21. 8. M.
Merid to 4 pm. Bright and pleasant. Light airs from \$8.71. Remarkably clear atmosphere. An officer came from the Juney to petune hanks for the offer of civilities made this all.
hanks for the offer of civilities mas this all.
I Mewdon
Hate he willy inspection of dry gun collon. Obourous a faint- peddening of the litimus paper and on making the more delicate lest forwided for in the Toyoto Instructions; found the paper very slightly reddening. In
Mate he willy inspection of dry gun collon. Observed a faint- reddining
of the litimus paper and on making the more delicate /Est- provided
Jorgovous inspections for two months past acid reaction has been sus:
"Joseph but the desicol of ation has been so faint that a position conclusion
gun cotton is due to ito having been handled with - nakes hands Stie
lordered that it be not with the alkaline solution and dones as goet
gun collon. Marks on the blocks (1/2") Toxpido Station 188/ Ply Wary Full
8 pm lo Mid. Engign U.S.M.
EME. to Eby S. Baroneter steady. Theyelve
6/16. to 6 by D. Baroneter steady.
Lieut- U.S.M.

Examined and found to be correct.

le. K. Leurin Land-Navigator.

LOG of the United States Stramer Essex, 3nd Rate,

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				16	716.	4			30.03	70	63	61		b	nous	10	
2				4		4			30.03	69	63	61	133	4		10	
3	*				1116	3			30.03					4	u	10	
4				4		3			30.03	68	61	60		4	4	10	
5				ME by M.	•	3			30.06	67	62	60		berul	circum	49	
6				East-		3			30.06	64	62	60		bem	4	8	
7				6 by M		4			30.06	63	63	61		4	- 4	7	
8				6716	11 by 6	4			30.07	66	60	-63		4	40	6	
9				16	North-	3			30.07					be	4	8	
10				M by &	nna	2			30.07	_					ч	8	
11					4	2			30.07							6	
Noon.				West-	826	2			30.07	10	-	1	1	4	4	4	33
									-	/							

Course and distance	made good since preceding noon by observation	ns,	knots. tenths.
	(Latitude by D. R.		0 , ,
	Longitude by D. R.		o , ,,
Position at Noon:	Latitude by observations of ⊙		0 , "
	Longitude by chronometer from Forenoon C	Observations of ⊙	• , , ,
	(Latitude by		0 , "
Position at 8 a. m.	Longitude by		o , ,,
			• , ,,
Position at 8 P. M.	Latitude by Longitude by		· , ,
Comment desires that		ating to the	
Current during the			0 , "
	mpass by Amplitude o observed at Sunrise, sh		0 , "
	mpass by Amplitude ⊙ observed at Sunset,	"	
Variation of the Con	mpass by Azimuth ⊙ observed at	"	o , , ,
Variation of the Con	mpass by Azimuth ⊙ observed at	"	0 / //
Water expended dur	ring the preceding 24 hours,		330 gallons.
Water	during the preceding 24 hours,		"
Water remaining on	hand fit for use at Noon,		2460 "
Coal consumed duri	ng the preceding 24 hours,		tons 400 lbs. 129 " 450 "
Coal remaining on l	hand at Noon,		129 " 450 "

P. M.	-/-	2 4 21			,	
1	West-	3824	1	30.07 71 72 66	66	cir cum lo
2	SbyW	388	2	30.07 71 72 68	4	ca str 6
3		"	2	30.07 72 72 69	К	. 8
4	\$3E		2	30.06 72 72 69		. 8
5	"	686	3	30.06 -3 73 68	K	" 8
6	Elyn	686	3	30.06 73 72 68	4	. 8
7	East-	East-	3	30.06 73 71 67		19
8	4	4	3	30.07 76 71 67	~	. 9
9			3	30.07 75 70 68	4	- 9
10	6716		3	30.08 76 69 67	. 4	4 9
11	ne	8118	3	30.08 76 69 64	A	" 9
Mid.	^ ^	NE	3	30.09 7668 64		
			W 02 656			

Mid to Ham	
Mid to Ham. Alean and pleasant Tentle and in and ME. Ho sam blear fine weather, gentle to more to My E. Evacuted morning orour. Rece use of shifes company. Sam to Merid. Variable. At 9.30 has sivisional mustic and	norgali brige from MME
ans 16.	Que We
H 1= 5 azul.	Gille M
blear sine weather gentle to mor	Eral & brosse home MME
to Mby 6. Endeuted morning orour : Rece	ived fright provisions for
use of ships company.	by A h. Ti
- 1-2M · 1	Morling May Tull.
Sam to Mend.	onfigua. D.M.
variable . at 9.30 has Sivisional muster and	inopaction. They Taluto \$8060
abount - without - leave . al-10. called all han	so to muster and read the
	7/1
with his druguagen men- of war Sand hoisted	Thethe again following his wall
Menis 6-4 dam.	1. Hewlen
Meris 4-4 pm. Blear and pleasant - Sight	- sine and breeze borne
Meris 4-4 pm. Blear and pleasant - Light SSW and SSE. Sent- liberty - party - a	- sino and brieger from
Meris 4-4 pm. Blear and pleasant - Light 8814 and 886. Sent- liberty - party - a	chore.
Meris 4-4 pm. Sear and pleasant- Light Sent- liberty- party- a 4 4-8 pm.	- airs and brieger from chore. Cuestone Ensign U.S.M.
SSW and SSE. Sent- liberty foarly - a 4 4-8 pm. Bright - and pleasant - Baron	chore and breeger from chore Chustone Ensign U.S.M.
Meris 4-4 pm. Solvan and pleasant- Light Solvans Sol. Sent- liberty- party- a 4 4-8 pm. Bright- and pleasant- Baron gentle brieze from Soly S. There Bhiled Jonesel allminante Lynch and Vilcomand	chore and breeges from chore. Cuestione Ensign d.S.M. 1 Eter straty. Light-to
Sout and Sear and pleasant Light South and Sept. Sent liberty fourly a 4 4-8 pm. Gright- and poleasant Baron gentle brieze from Se by S. Three Bhiles about 6.30.	chore and breeges from chore. Current S.M. ster straig. Light to men-of-vour hi Amirant. came in and anchored
Sout and Sear and pleasant Light South and Sept. Sent liberty fourly a 4 4-8 pm. Gright- and poleasant Baron gentle brieze from Se by S. Three Bhiles about 6.30.	chore and breeges from chore. Current S.M. ster straig. Light to men-of-vour hi Amirant. came in and anchored
Sout and Sear and pleasant Light South and Sept. Sent liberty fourly a 4 4-8 pm. Gright- and poleasant Baron gentle brieze from Se by S. Three Bhiles about 6.30.	chore and breeges from chore. Current S.M. ster straig. Light to men-of-vour hi Amirant. came in and anchored
Sout and Sear and pleasant Light South and Sept. Sent liberty fourly a 4 4-8 pm. Gright- and poleasant Baron gentle brieze from Se by S. Three Bhiles about 6.30.	chore and breeges from chore. Current S.M. ster straig. Light to men-of-vour hi Amirant. came in and anchored
SSW and SSE. Sent- liberty foarly - a 4 4-8 pm. Bright- and foliament- Baron gentle brieze from SE by S. Three Shiled Joniel allminante Lynch and Cilcomayo	chore and breeges from chore Cuestone Creign U.S.M. 1 Eter straty Light to an men-of-vour he Amirant carne in and anchored Alle breeges from East-
Sout and Spind and pleasant Sight 88 h and 886. Sent liberty foarly a 4 4 - 8 pm. Gright and poleasant Baron gentle brieze from SE by S. Three Bhiles about 6.30.	chore and breeges from chore. Current S.M. ster straig. Light to men-of-vour hi Amirant. came in and anchored

Examined and found to be correct.

le. K. leuri Zani - Navigator.

LOG of the United States Steamen Essex

								-		-						
			Reading		WIND.				BAROMETER	TE.	MPERA		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height The att'e	Air, Dry	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Sea
A. M.				16	6116	2			30.09 7	5-6	660	,	be	circum	9	
2				"		1			30.09 7	46	6 62		4		9	
3				1116	16	2			30.09 7	26.	1-62		4	4	9	
4				4 .1	41 1 6	1			30.08 7	06.	4 62	2	4	4	9	
5				North -	M by 6	2			30.09 69	96.	3 61		u	sta	9	
6					1116	2			30./0 6				6	none	10	
7				11 by 6	Mby 6	2		-	30.10 60	8 6	4 62	-	4	4	10	
8				118 by E	1196	3			30.10 60	86	7 64	4	4	4	10	
9				Gast-	Morth -	3			30.11 70	17	167		4	4	10	
10				16 by 11	. 4	3			30.11 7	2 7	3 68	-	4		10	
11				"	40906	2			30.11 7	3 7	5-60		*	4	10	
Noon.				Morth -	11/16	2			30.10 74	47	8 69	7	4	4	10	133
1000							-				1					

Course and distance	made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0 ,	. "	
	Longitude by D. R.	0 ,	"	
Position at Noon:	Latitude by observations of ⊙	0 ,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"	
	(Latitude by	0 /	"	
Position at 8 a. m.	Longitude by	. 0	, ,,	
	(Latitude by	0	, ,,	
Position at 8 P. M.	Longitude by	. 0	, ,,	
Current during the	time, knots tenths per hour, setting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0	, ,,	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0	, ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at "	•	, ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at "	0	, ,,	
Water expended du	ring the preceding 24 hours,		328 gallons.	
Water	during the preceding 24 hours,		"	
Water remaining or	a hand fit for use at Noon,	2/	32 "	
Coal consumed duri	ing the preceding 24 hours,	tons	400 lbs.	
Coal remaining on	hand at Noon,		50 "	

P. M.	-11						
1	Mayh	1116	2	30.09 77 79 71	de	cis cune 9	
2	MIN W	4 0 0	2	30.09 77 80 72	4	4 9	
3	616	688	3	30.06 76 78 73	"	. 9	
4	16 by &	ENE	3	30.04 77 78 72	4	. 9	
5	East-	6 by n	2	30.02 78 78 72		. 9	
6	E by N		2	30.02 78 78 73		. 9	
7	78	38	2	30.02 78 77 71	4	. 9	
8	Douth-	118	2	30.0.2 79 77 71	40	. 9	
9	86	11/18	3	30.02 77 76 70	6	non 2 /0	
10	ME by E	4	4	30.02 77 75 70	, ,	u 10	
11	n Ebyn	u	3-5	30.0/ 78 73 68	6 gr	" 10	
Mid,	4		3-5	30.01 77 72 67	1	10	-

Mid 10-4 am.
Mid 10-4 am. Som ENE 10-16. Such Flowers. Such Forest.
from 6/16 lo 116. Ho & a.M. Spight - and pleasant: Barometer straty. Light breed from 116, and 11/16. The Brazilian dispatch restel "Purus" Steft his harbor.
468 am. Q. 1 - 1 Q Lient 21.8.11.
I sught and polearant. Barometer steady. Light brown
Ilest the harbor.
MJ.T. Hewler
8 am to Merid
Sam to Merid. Sam to Merid. Sleage and poleasant- Light- and gentle brage from Morth and MME. Went to quarters at 9.30 and exercised Missions in
Jose poutine . Thos: Nafuto Sto. book) abount without leave . Sent-
Goarding officer to the Bilean torfoedo catcher Chingrands Londel.
U-9.45. Of Tallaboosa mast routine signals as follows: Mum 5
Dis N. Co. Jacks: Odd Using abusing language & house cook and
Insolant. It's sergrant - thouse satra duly. I booney Port 2/2 hours overtime - restricted for 2 weeks: Olksvane
2/2 hours overtime - restricted for 2 weeks:
Maid 1-4 dry
Blear and blearant - Sight - b- as lift - breses bour
Merid lo 4 pm. Elear and pleasant - Light - to getille breeze from liberty - party - ashore.
liberty - party - ashore.
H 1-8 dry .
blear and pleasant. Sight breezes from Elyth
Ho 8 pm blear and pleasant: Sight breezes from Elyth SE and ME. at 5.00 sent down lotgallant and poyal yards.
ans bent-sails.
8 pm to Misnight - Elear and pleasant : Sentle to - still breeze from MM6. Ging All Brown Jent - U.S. M.
Blear and pleasant: Dentle to still breeze from MG
Gings Alle Bergeran
'S LEW - U. D. M.

LOG of the United States Stamen Essex", 3rd Rate,

										/							
			Reading		WIND.				BAROME					State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Morth.	north.	3-5	-		30.00	76	72	68		lg	none	10	
2				"		3-5			29.99	275	1	67		"	4	10	
3				a."/ a	4	3-5			29.98	74	69	66		4	4	10	
4				Mby W		3-5	•		29.98	74	-69	66		lala		10	
5				Ou	M Mill	3.4			29.90	73	67	63		-	circum	9	
6				* .	. 4	3-4	4		29.98	72	68	63		bem	4	9	
7				Morth-	4	3-4	4		29.98	73	68	66		-	*	9	
8				216		3-4			29.97	73	71	67		4	4	9	
9				86	•	3			29.98	74	73	-71		de	4	9	
10	100			916		3			29.99	77	78	72		4	4	9	
11				2:10-		3-4	-		29.97	79	80	74	4	4	4	9	
Noon.				Mby W		3-4	4		29.96	79	81	74		u	.4	9	
														-		1	

Course and distance	made good since preceding noon by observation	ons,	knots.	tenths.	
	(Latitude by D. R.		0 ,	"	
	Longitude by D. R.		0 ,	"	
Position at Noon:	Latitude by observations of ⊙		۰ ,	"	
	Longitude by chronometer from Forenoon	Observations of ⊙	0 ,	"	
	(Latitude by		0 ,	"	
Position at 8 a. m.	Longitude by		0 ,	"	
	(Latitude by		0	"	
Position at 8 P. M.	Longitude by		. ,	"	
Current during the	time, knots tenths per hour,	setting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, s	hip's head	0 /	"	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset,	"	0 /	"	
Variation of the Co	mpass by Azimuth ⊙ observed at	· ·	0	. "	
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0	, ,,	
Water expended du	ring the preceding 24 hours,		332	gallons.	
Water	during the preceding 24 hours,			u	
Water remaining on	hand fit for use at Noon,		180		
Coal consumed duri	ng the preceding 24 hours,		tons	1400-1bs.	
Coal remaining on l	hand at Noon,		128 "	890 "	
			/28 "	1400-lbs.	

M.					1		
1	7112	21 20 20	4	29.95-79 83 74	be	circum	8
2	4		3	29.94 80 84 74	4	4	6
3	2124	W201-	1	29.91 80 83 78	4	4	5
4	"	MW	3	29.82 82 85 75	4		7
5	MIl by M		3	29.79 84 86 76	4	4	7
6	. 7		3	29.78 86 86 75		4	5
7		nnw	2	29.7884 84 75			4
8	Ir by M	nal	2	29.70 85 83 76-	bel	4	4
9	Shr by Tr	Trns	1	29.80 83 82 74	4	4	5
10	SlyTr	35W	3	29.87 81 74 70	ack	nimb	0
11	37	4	3	29.87 79 74 70	bel	4	3
tid.	726		3	29.88 78 74 70	oel1-		0

Mid lo Ham. Med to 4 aM. Sear bright starlight - Ventle briege from North-with-Ho & a.M. Sear and pleasant- Mishy: gentle to moderate breeze.

from MMW blowing in squallo: Executed morning order: Mass foutine

8 am to Megis. 8 am to Megit. Ensign U.S.M. Blear and orane Sentle to moderate doce from MMW. as-9.30 musteres at quarters: abount: Thos: tafuto (Sty book) and J.B. Robinson (& Borfol) Cucraised he crew at senting wood sown light space. By order. of Bomog. Officer To. E. Doyd & afolosed) was confined on bread Sant water offer five says for insolence to the Suit Boats oring Mate and contradicting and affect. It gits he Tallafoodor signalled Them. 3 4 and Maria to 4 many ing in force from more rate bresge to light airs. Bazometer falling numo o. Unswered. So Al Tours to quarters land revolved clean bags forming Officer of the Stalian gunboal - Andrea povana pais an official brisit- Sto-this ship. Poister steam launch for pepairs and lowered heragain after pepairs has been mate 4/08 pm: Blear and hot. Senthe breeze to light breeze from Mil and MMM. blows coming up four &W and extensing abount horizon latter part - treat-light wing in the Streat-hour At to sent sown top galland masto. The hig Wolnick of Busnor Sizes flying the austrian flag apparently Transferres a draft - of men to the Chilean, Clinicalité Lynch" and tren went back up the piver. all about - the horizon dery light - wis from WHOW first hour about 9.30 wind came but fresh ish a squall from 88%. Lory light - air - to more pate bring & from & & M. remainder making up to the Sit & Wis. Barometer pising.

Lieut. 2.8.2.

Examined and found to be correct.

LOG of the United States Stamen Essex , 3nd Rate, Montevideo, Uniquely.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				8891	&& W	3.			29.89	75	-69	67		ocal	cum m	into	
2				- 13	South -	5-7			29.83	/	1	67		oegl	1 4	0	
*3				mes W	886	5-7			29.88	72	67	63	-	ocare	1 4	0	1
4				88,91	4	3-5	-		29.88	71	67	65	-	4	4	0	
5				Dby 6	86	4			29.90	71	68	64	4	be	cir cui	4	
6					4	3			2995	-71	68	64	-	4	4	3	
7				256	886	3			29.97	70	69	64		u	4	6	
8				•	•	3	333		29.99	70	68	63		4	4	6	
9				2 2 2 2	4	3			29.99		1-			4	"	6	
10				26 by d	86	3			30.05	71	67	62		4	4	6	
11				86 by 6		3			30.00	-72	67	62		4	4	6	
Noon.				686		2			30.06	73	67	62		4	4	6	
											/						

Course and distance made good since preceding noon by observations,		knots.		tenths.	
(Latitude by D. R.		0	,	"	
Longitude by D. R.		•	,	"	
Position at Noon: Latitude by observations of ⊙		۰	,	"	
Longitude by chronometer from Forenoon Obser	vations of o	0	,	"	
(Latitude by		0	,	"	
Position at 8 a. m. (Longitude by		0	,	"	
Latitude by		0	,	"	
Position at 8 P. M. Longitude by		0	,	"	
Current during the time, knots tenths per hour, setting	g to the				
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's l	head	0	,	"	
Variation of the Compass by Amplitude ⊙ observed at Sunset, "		0	,	"	
Variation of the Compass by Azimuth ⊙ observed at "		0	,	"	
Variation of the Compass by Azimuth ⊙ observed at "		0	,	"	
Water expended during the preceding 24 hours,			342	gallons.	
Water during the preceding 24 hours,				"	
Water remaining on hand fit for use at Noon,		/	458	"	
Coal consumed during the preceding 24 hours,		/28	ons 4	To lbs.	
Coal remaining on hand at Noon,		/28	" 4	90 "	

P. M.	8 hy 6	\$ &	2	30.08 73 68 63	le	circus	m6
2	646	4	3	30.06 7/67 62	4	4	7
3	W201-		3	30.06 70 68 62	*	"	7
4	"		2	3117 1067 12	4	4	7
5	616		3	30.07 69 67 62		4	8
6	Gast-		3	30.08 69 67 62	4		8
7	116	•	3	30.08 72 66 61	4	4	8
8	\$6		2	30.08 74 66 60	4		8
9	"	688	2	30.07 75-65-60		4	8
10	*	616	2	30.08 75-66 61	4		6
11	2 & by &	16	3	30.0669 63 59	4		6
Mid.	286	"	3	30.06 65 61 38	4		6

Mid to 4 am.	to the
Overcast squally rainy and lin	Staining Still to vine
strong brig: from \$8716-886.	180 p half 01.1.
	W. Man Tuld.
4 h 8 amn	Ensign U.S.M.
Blearing Morepale to gentle brie	ne from SE ans
86. al- 7.30 that lime sig sal al-7.36	Sent- wo toto galland-
masto and crossed totogallent yardo : Reed o	ne board for use of
crew 115 los rach fresh beek ant vegetables	- ans 92 lb - bread.
	Fairge Held Voluman
8 am to Meris.	Vieut 21.8. M.
Cartly cloudy, pleasant weath	ier . Dentle lo light
breeze from S.E. al- 9.30 inspected at 9	warters & has company
drills: Thos: Vafuto (Sta Book) and las: C. C.	biceson (S. Corpel) abornes.
with out - le avel	
, , , , , , , , , , , , , , , , , , , ,	
	Morilun
Mid ho H am. Conscast squally rainy and light song bring: from \$871 to \$88. and light so sendle brice \$88. At 7.50 shad time signal. At 7.58 mast and grossed top gallent yardo: Reid o crew 115 los each fresh breef and vegetable. 8 am to Meris. Partly cloudy, pleasant wegetable. 8 am to Meris. Partly cloudy, pleasant wegetable. 10 drillo: Thos: hafuto (8/9 Book) and fas: B. C. without - leave.	Sind-U.S.M.
Merit to-4 pm. blear fine rosalter light- be	Sicul- U.S. M.
Merit to 4 pm. Clear fine weather light - be Received an official Scall by boarding officer	Sicul- U.S. M. - gentle bregg from 86.
Meris to 4 pm. Clear fine rosalter light - be Practived an official scall, by boarding officer for Sileonayor.	Sicul- 2.8. M. gentle bregge from 86.
Preciosed an official scall, by boarding officer boat Cilcomayor.	Jentle briege from 86.
Preciosed an official scall, by boarding officer boat Cilcomayor.	Jentle briege from 86.
Preciosed an official scall, by boarding officer boat Cilcomayor.	Jentle briege from 86.
Creciosed an official scall, by boarding officer for the Steen of Steer and foleasant: Sent le to light	Misel - U.S. M. from hi Gillan gun. M. Ry Masu Tulk. Ensign 21.8. M.
Creciosed an official scall, by boarding officer for the Steen of Steer and foleasant: Sent le to light	Misel - U.S. M. from hi Gillan gun. M. Ry Masu Tulk. Ensign 21.8. M.
Creciosed an official scall, by boarding officer for the Steen of Steer and foleasant: Sent le to light	M. Ry Masu Tull. Joseph From & E. John St. M. Joseph From & E. Jesul-U. S. M. Jesul-U. S. M. Jesul-U. S. M.
Creciosed an official scall, by boarding officer for the Steen of Steer and foleasant: Sent le to light	M. Ry Masu Tull. Joseph From & E. John St. M. Joseph From & E. Jesul-U. S. M. Jesul-U. S. M. Jesul-U. S. M.
Preciosed an official scall, by boarding officer boat Cilcomayor.	M. Ry Masu Tull. Joseph From & E. John St. M. Joseph From & E. Jesul-U. S. M. Jesul-U. S. M. Jesul-U. S. M.
Creciosed an official scall, by boarding officer for the Steen of Steer and foleasant: Sent le to light	Misel - U.S. M. from hi Gillan gun. M. Ry Masu Tulk. Ensign 21.8. M.

LOG of the United States Steamer Essex

Honr. Knots.	Reading		WIND.											. 1	4
onr.		COURSES STEERED					BAROME	TER.	TEMI			State of	Forms of	Clear Oths.	he Sea
H X F	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S.
A. M.		East-	7171E	2			• . /	11.	. / .	2		1			
1		Oast-	1110	3			30.06	64	6/	38		66	cir cum	6	
2		16	4	2			30.04	66	59	63	-	4	4	9	
3		1116		2			30.02	66	57	54	4	•	"	9	
4		Mby 6	116	2			30.02	66	38	53	-	4	4	9	
5		11916	4 2 4 2 6	3			30.02	65	-5-7	54	4	4	4	9	
6		nnw	MME	3			30.03	64	59	56		4	4	9	100
7		nne	*	3			30.02	64	18	19			4	9	
8		4	4	3			30.00	63	60	56		4	4	9	
9		15,	*	3			29.98					8	none	10	
10		26 by 6	4	4			29.94	468	67	61		4		10	
11		98	70 .0	3			29.90					4	-	10	
Noon.		4	Morth-	3			29.90	7/	72	65				10	

Course and distance made good since preceding noon by observation	ns,	knots.	tenths.
Latitude by D. R.		٠.,	"
Longitude by D. R.		0 ,	"
Position at Noon: Latitude by observations of ⊙		0 ,	"
Longitude by chronometer from Forenoon C	Observations of ⊙	0 ,	"
(Latitude by		0 ,	"
Position at 8 a. m. Longitude by		0 ,	"
(Latitude by		0 ,	"
Position at 8 P. M. Longitude by		۰ ,	"
Current during the time, knots tenths per hour, s	setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise, sh		0 ,	"
Variation of the Compass by Amplitude ⊙ observed at Sunset,	"	0 ,	"
Variation of the Compass by Azimuth ⊙ observed at	u	0 ,	"
Variation of the Compass by Azimuth ⊙ observed at	"	. ,	"
Water expended during the preceding 24 hours,		325	gallons.
Water Distilled during the preceding 24 hours,			
Water remaining on hand fit for use at Noon,		307 1440	u
Coal consumed during the preceding 24 hours,		tons /60	
Coal remaining on hand at Noon,		/27 " //3	0 "
on many av 1100m,		14/ // // //	

P. M.	2	21-1-0			,	
1	Gast-	M MW	3	29.86 75 7567		circum di 5
2	686	4	3	29.84 76 76 67		. 16
3	7/16	7/17/	3	29.81 77 77 70		
4	MW by W	M by W	3	29.76 79.82 74		a 4
5		V "	9	29.76 79.82 74		4 5
7		"	2	29.70 83 83 75	4	4 7
8	North.	North.	2	29.66848174	4	. 9
9	North.	North.	3	29.67 83 80 75	bel	- 9
10	2" 2 4		4-6	29.67 82 79 73	begl	" 9
11	ESE South-	mnn	2-4	29.69 79 78 72	*	eir str 5
Mid.	Dorch -	\$24	3-6	29.75 78 78 63	oegel	cam nint 0

Mid lot am. to light briggs from MIE and NE. blear and pleasant; cool. Sente briege from ME 1. 4 68 am MMG. Started fires for distilling at 5:30 and startes distiller al 7.30. Haliade guentoal - "andrea Vrorana" left - the harbor al-6.30 Made dress and line signalo-Licut-U.S. N. 8 am to Merid Lier fine weather gentle to moderate breeze from ME hauling in SE. Mustepes at quarters: J. G. Robinson (S. Borfol) aboent without Leave. balled away all boats for exercise under sails - and oars.

Dailing Launch zeaby in 13. og 1ch buller 2.35.2 no buller 3.42. Whate Boat.

2.30. Dig 2.30. The Tallaforosa signalled 4561. and Offirmations. The Corners Officer called officially at the Chilean Torpesobout - "Condell", Distilling byn.
Cusign U.S.M.
Elear and foleasant: Sentle briege from Md. Barometer
as ilu. The Cours a Office and the Course of the Course Meris to 4 pm. Salling stratily. The bomby Officer assigned the following frunishments. D. Parker (Los) and M. Rospelgeus (Ldo) Fighting in pantry and dec. droying Wars Room crockery. - 4 Mis watches Each. By order of Comby. Officer. Thos: Hafuto (SIg. book) was-dispated to Landorshan om Fett 320 and feclared a desertir from this viewel and the Maral Service from this date. Lieut-U.S.M. A lo 8 pm. blear fine weather gentle- to light - breeze from Mby W and North- Sent - Sown top galland-masto and yardo Distilling Ensign U.S.R. 8 pm to Mis. blear at first - latter part-clouding over from the S'd with bulliant - lightning to Mid and Ste . Wind I veering gradually rom North around by M. lo- Str. al-11.40 commenced to blow from & SW. J. b. Robinison (S. Corpl) preturnes 60 hours over time. Lieut-U.S.M.

Examined and found to be correct.

le. K. leur lis Limit-Navigator. LOG of the United States Steamer Essex , 32d Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.			Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				836	824	3			29.79	, 7;	7 70	68		oeltr	cum nim	6 19	
2				N by 6	4	2			29.80	1 1		17.00		4	4	0	
3				6716	Med	3			29.76	41	1	1000		a	4	0	
4				Il by W	MINTO	4			29.74	11	/			*	*	0	
5				a a	4	2-4	4		29.76	73	68	67		rellar	_ 4	0	
6				WMZd	nw.	2-4	4		29.79	/		/		aeld		0	
7				20 820	West-	2-3			29.82	71	69	68		Gem	4	0	
8				Sul	87r	2-5	•		29.86	71	70	69		4	4	0	
9				South-	887	4			29.89		1			ac	4	0	
10				Sby &	South -	3			29.92	71	68	65	•	bem	cir cum	3	
11				0,,	•	3			29.94						•	7	
Noon.				6 by 8	•	3			29.95							9	113

Course and distance	made good since preceding noon by observation	ns,	knots.	tenths.	
	(Latitude by D. R.		•	, ,,	
	Longitude by D. R.		0	, ,,	
Position at Noon:	Latitude by observations of ⊙		•	, "	
	Longitude by chronometer from Forenoon (Observations of ⊙	. 0.	, ,,	
	(Latitude by		0	, . "	
Position at 8 a. m.	Longitude by		•	, ,	
n in an w	(Latitude by		•	, ,,	
Position at 8 P. M.	Longitude by		•	, "	
Current during the	time, knots tenths per hour, s	setting to the			
Variation of the Con	mpass by Amplitude o observed at Sunrise, sh	nip's head	0	, ,,	
Variation of the Con	mpass by Amplitude © observed at Sunset,	u	0	, ,,	
Variation of the Con	mpass by Azimuth O observed at	"	0	, "	
Variation of the Con	mpass by Azimuth ⊙ observed at	"	•	, ,,	
Water expended dur	ring the preceding 24 hours,			130 gallons.	
Water	during the preceding 24 hours,		/	1450 "	
Water remaining on	hand fit for use at Noon,			2560 "	
Coal consumed during	ng the preceding 24 hours,		/ tons	/760 lbs.	
Coal remaining on h	nand at Noon,		/25 "	1610 "	

. M.						
1	\$86	South -	3	2997 71 69 64	6	20012 10
2	256	•	3	29.98 71 69 65	4	4 10
3	SE by E	88/6	3	29.98 71 69 65	. 4	" 10
4	" /		3	29.99 72 69 63	-	
5	\$6	86	2	29.98 73 68 63		10
6	East-	8,6	2	29.98 73 69 64		" 10
7	686	4	2	29.98 74 69 63	de	circum 10
8	"	East-	2	30.00 75-69 63	4	" 9
9	NE by N		2	30.04 73 69 64	4	" 9
10	NE	"	2	30.0473 65 61	4	4 9
11	NE ENE	MAE	2	30.05 70 65 61		" 9
did.	"	4	2	30.05 70 63 59		. 9

Mid lo 4am.	
Overcast cloudy and rainy with-	hundre and lightquia
Light to moserate breezes from 820 1/20 mo	- 71717B.
	Ols sione.
4 68am.	Gusignell. S.M.
Overcast- cloudy misty. Light to	Will breeze cranuing
Mid lo Ham. Diercaet; cloudy and rainy with the Light to most pate breezes from 820, Mill and H to Sam. Overcast cloudy misty. Light to so in direction Made routine signalo. Sent and yards at 7.30. Reed fresh provisions. The Argentine man-of evar Palagonia con No J. Ho. Distilling.	Mo tolo allant wasts
and wards at 7,00. Reed fresh provisions-	for use of crew.
The Mosentine man-of Lowar Palagonia " C4	house ind and anchoirs
al-1.45: Distilling!	10101
· ·	M. Ma M. Fen Tulli
8 am to Merit:	Consignal &. H.
Bright and polearant: Barometer pise	in Moderate to asalli
brigge from & Stel and South. at- 9.30 has Since	of Quarters Renter
12 Did in 2.42; 2 nd Dis 2.53; 3 cs Dir 2.40; Navg. D.	is 3.07: Cowd. Stis 3.28.
Eugr Div 1.35: Marine Guard 1.38. Pay Defol-1.	es Sent su officer
It the argentine armordas Palagonia with	" usual offer of Shini lities
The Tillamayo, almirante Lunch and almi	ante Ilodedelle left-
the harbor and started up the piver boning	Afficer assigned
the following punishments: Vere Dwyer (678)	Slog & opported alopo)x
bot Millar (Barber) Hot manning boatfal	lo - Each 12 hours -
Edtra duty. Jas: C. Robinson (S. Gorpl), So ho	ours overtime - reduced
to Hit Elaso for 3 months. Tested the flogscoe	Ro of magasine and
shell rooms, and also lested the Slife bece	ours found heart all
in working order Distilling.	0
	Mulyolpu
Merit lo 4 pon.	Lieut-U.S.M.
Clear and pleasant - Sentle - br	EERE from Sand 886
Merit lo 4 pm. Clear and foleasant: Sentle-br Officer from "Palagonia" petierned call. 11 1-51	& Swash clother. an
officer from " Valagonia" estimes call.	Recid in Pay Defol-
1300 Slos- sall-beef.	
	Clusione
4 60 8 pm	Ensign U.S.M.
blear and pleasant - Barometer	steadif. Light-breege
from Ed. Ul- 6.00 had Fire Quarters.	
4 to 8 pm blear and pleasant. Barometer from Ed. Ut- 6.00 had Sie Quarters. 8 pm to Mid. When and pleasant. Light-bream. 7ME. At 9.00 stopped distilling and haule	M. Hewler
8 pm to Mid,	Licut- U. S. M.
blear and pleasant. Light-bre	Ege from Good- and
M.G. Ut- 9.00 stopped distilling and haule	ofice.
	J Gentionen a 20
	Jonsign U.S.M.

Examined and found to be correct.

le. K. Sentro

LOG of the United States Steamen Essex , and Rate,

								-	-	/_							The same of
			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Sea
A. M.				206	ME	3			30.03	69	61	38		b	none	10	
2				6916	a	3			30.02					4	u	10	
3				"		2			30.02	-68	60	5.7		4	4	10	
4				a & .	4	2			30.02	67	61	38		*	4	10	333
5				nne.	4	2			30.00	68	60	58		be	cirsti	9	
6				Worth-		2			30.02	266	61	19		bene	a	9	
7				9171	u	2			30.01	4.4		11		a	a	9	
8				Mby &		2			30.02	67	63	61		4		9	
9				1	4	2			30.04	68	67	63		be	circum	9	
10				ME by M		2			30.04	70	69	65			4	9	
11				SE by 6	0.00	2			30.03	72	72	66		"	4	9	199
Noon.				& Eby &	686	2			30.02	72	73	68		4	4	9	

Course and distance	made good since preceding noon by observations,		knots.	1	tenths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Obser	rvations of ⊙	0	,	"
	(Latitude by		0	,	"
Position at 8 a. m.	(Longitude by		0	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the t	time, knots tenths per hour, settin	g to the			
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunrise, ship's	head	0	,	"
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,		0	,	"
Variation of the Cor	npass by Azimuth ⊙ observed at		0	,	"
Variation of the Con	npass by Azimuth ⊙ observed at	•	0	,	"
Water expended dur	ing the preceding 24 hours,		30	1-2	gallons.
Water	during the preceding 24 hours,		79	12	u
Water remaining on	hand fit for use at Noon,		300	0	u
	ng the preceding 24 hours,		3 00 1 tons	66	o lbs.
Coal remaining on h	and at Noon,	/4	24 "	9.	17 "
				1	

M. 1	38	86	3	30.01 73 73 68	be circum q
2	3,6	\$ 6	3	30.01 74 74 68	
3	888		3	29.99 74 74 71	" " 7
4	"	686	3		. 6 3-
5	Story &	"	3	29.98 75 73 70	" 5
6	" /	"	3	29987473 70	" " 5
7	2 00	4	3	29.99 75 71 69	, 5
8	6,86	,	3	29.98 77 71 69	le c l'arcun 1
9 /	Cast-	East-	3	29.99 76 7/ 70	& clf-current 3
10	ENE	6116	2	29.99 76 7/ 70	" cir curry
lid.	& by &	Gast-	2	29.99 74 72 70	4 cum 4 zin 6 3

Mid lo 4 am blear and pleasant. Lentle to light-breeze from ME. Lieut- H. S.M. Joseph Blear and pleasant: Barometer steasy. Light-breeze.

from 16. Loosed sail to a bowline.

Sam to Merid.

Clear and pleasant. Light-freeze from 16. Al
Clear and pleasant. Light-freeze from 16. Al-9.30 made signal 1014 to Tallafoodly and aired bedding. al 9.45 Talla poosa ne oz pouting signals as follows : sick 4, absolute o, coal He town. At 11.30 mas signal 12240 and piped sown air bedding Rect in Pay Defol- 5 both flown 5 bago- bread, 120 lbs tongere, 125-gals-beans: Comog. Officer of Patagonia mase an official call on board. Shortende sail at -11.50. Citizione Meris to Hom. Sendle breeze from SE lo ESE. At 1.00 furles sail. 4 le 8 pm. Partially cloudy. Senthi briege from ESE.

Ensign U.S.N.
Ensign U.S.N. Cloudy, the clouds bring chiefly in the Sid & Siruntil last half hour, when the sky becaute overcast from the 116. Jacquett - flasher of lightning with - distant - thunder dery frequent blashes of lightning to the Worth sound, every overhead, Last-I quartil of an hour. Sentte to light briege from lette by Cast. Jung Turkahuan

Examined and found to be correct.

Line Navigator.

LOG of the United States Steamer Essex , 3rd Rate,

							-		- (1	_							
			Reading	COLUMN CTURE	WIND.				BAROME	TER.	TEMP			State of	Forms of	Hear othe.	ne Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M				6,86	East-	2			29.97	74	71	70		ocatel	uint	0	
2				ME by n	881	3-8			29.97	71	68	67		oc getl	4	0	
3				216	686	2-5			29.96	1		66		1.		0	
4	100	100		Gast-	ENG	3			29.96	72	68	66		o.c		0	
5		133		91916	116	1-3			29.96	72	67	66		Sel	•	1	1311
6				M by E	4	2			29.90	7/	67	66		be	cirumul	12	
7				2019120	4	1			29.95	-71	68	67		*		1	
8	13			ME		1			29.97	70	69	68		oc	cir cum nimb	0	
9	13			mnm.	"	1			29.97	71	71	69		"	"	0	
10				South-	88 %	2			29.97	73	73	71		"	"	0	
11				"	"	1			29.98	73	74	71		bene	cirstr	-5	
Noon				Sby W	"	1			29.98	/	/	/		"	"	4	
									111								

Course and distance	made good since preceding noon by observation	ns,	knots.	tenths.	
	(Latitude by D. R.		0 ,	"	
	Longitude by D, R.		0 ,	"	
Position at Noon:	Latitude by observations of ⊙		0 ,	"	
	Longitude by chronometer from Forenoon (Observations of ⊙	٠,	"	
	(Latitude by		. ,	"	
Position at 8 a. m.	Longitude by		0 /	"	
	(Latitude by		0 ,	"	
Position at 8 P. M.	Longitude by		0 ,	"	
Current during the	time, knots tenths per hour, s	etting to the			
Variation of the Con	mpass by Amplitude o observed at Sunrise, sl	ip's head	0 ,	"	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,	" .	0 ,	"	
Variation of the Cor	mpass by Azimuth O observed at	"	0 /	"	
Variation of the Cor	mpass by Azimuth o observed at	"	۰ ,	"	
Water expended dur	ring the preceding 24 hours,		3.	45 gallons.	
Water	during the preceding 24 hours,			"	
Water remaining on	hand fit for use at Noon,		263	J . "	
Coal consumed durin	ng the preceding 24 hours,		tons	400 lbs.	
Coal remaining on h	and at Noon,		124"	550 "	
			,,,,		

P. M.						
1	Sby &	826	2	29.97 70-74 72	be	cir str 2
2	886	28 W	2	29.94 75 75 72	4	4 2
3	86 by 8	South -	2	29.97 75 74 72	u ·	" 3
4	S.E	"	2	29.9776 74 72	4	cir cum
5	686	"	1	29.94 76 75 73	4	. 7
6	Gast-	886	1	29.97 76 75 73	4	" 7
7	E by M	"	1	29.94 77 74 72	4	" 7
8	North-	Cast-	1	29.99 76 74 72	4	" 8
9	1116	686	1	29.98 75 73 72		. 8
10	n by 6	East-	1	29.98 75 72 71	bou	none 10
11	"	,	1	29.98 74 72 71	"	4 10
Mid.	"	"	1	29.99 73 72 71	4	. 11

, U. S. Navy, , 189/.

Sales I	
Mid 10-4 am.	
Overcast and cloudy hroughout the	evald with rain first
three hours; very heavy paine from 1.15. to 2	15. Light briege from Gast
list-how MI-1/16 wind shifted to 88	W in violent-thunder
Isquall and bleve in heavy squallo til	el 2.30 gentle-breeze
remainder of wath. Lef-go sheet-anchor	under hat - at 1.30 Sent-
stram cutter in for shelter at 1.45.	
H to 8 am. Blowery with lightning first-hi orders and hove up sheet-andchor. X	P. 1-01-8 01
4 to 8 azm.	Light airs and quite bree from 92.
Cloudy with light zing first-hi	out 6 de cetted morning
orders and hove up sheet-andchor. X	ecul - J. V. Bleecker MSM.
referred from leave. Comor. Foryth.	pelsorted his peture on
hours the Tallaborea by signal, Made no	utine signals- at 7.00
Prairie Pour Delot - 1/6/14 the break best a	and veastables and asthe
Rec'd in Pay Dept - 116/4 lbs fresh beef a	8 00
From Consinemente. The Acquestine man - of war	Our Mino
- 1- 11 -	2/201
8 am le Menel	. mergh a. s. f.
Jonean firs - part: Jair, and	hary latter part - dight
ails from 10 shifting to SSW. 18. 6. Lloyd	d (Sea Opposed) was - released
Srong continemente. In acquitine man - of wa	a Valagonia went out
I going but the piver. At- 9.30 the Comm	anding Officer inspected
The ship and he com at quarters: alt-9.4	is made the routine signals.
	Gena Helloling
Merid 104 pm.	Lieut - d. D. H.
Manual to ble I-mealling	Sight borne Sol
1-88 or of any doney, strasam wante.	in the Manufact mine
to Soll. Uniquayan gunovas Sene Olive	Tepa legs the naver young
lo SSN. Unguayan gunboat - Venl Rich	91-1
4 lo-8 pm. Slear and warm. Lightairs- from to-Mid.	on of the son
4 lo 8 pm.	Vieut-U.D.M.
blear and warm. Lightains of	one South to Cast
	Jug Illi Kolman
8 lom to Mid.	Dient-U.S.M.
the higher stag and yours !	iall- Moon 1st-about-11.30
The state wings with and mooned	1-
Treavy arm. Light aut from DXO to Dast	- H-c'2
Heavy dew. Light airs from ESE lo Bais	Sient-d. S. M.
	Vieut-a.x). M.

LOG of the United States Stanier Essex , 3rd Rate,

Of Montevideo, Uruguay.

								-		1	7500						
			Reading		WIND.				BAROME	ETER.	TEM	PERAT		State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				886	116	1			29.99	74	72	70		be	circum	9	
2				86		1			29.99	72	71	70		4 1	4	9	
3				2006	4	1			29.99	72	71	10		led	4	4	
4				Sby 6	*	1			29.99	71	70	69		1 u	"	4	
5				Ju .	*	1			30.00	7/	70	69		4	4	4	
6				16 6 G	6116	1			30.02	71	70	69		4	4	2	
7				Horth-	Gast-	1			30.03	71	71	70		*	*	2	
8				4	16	1			30.04	171	71	69		act	ninb	0	
9					•	1			30.03	71	70	70		le.	cir.cun	7	
10				"	4	1			30.04	171	73	71		4	4	8	
11				1116	11116	1			30.06	74	70	72		4	4	9	
Noon.				4	4	1			30.06	75	76	72			4	9	
									1	1							

Course and distance	made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ⊙	0	,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"	
	(Latitude by	0	,	"	
Position at 8 a. m.	Longitude by	•	,	"	
D in to D M	(Latitude by	0	,	"	
Position at 8 P. M.	Longitude by	0	,	"	•
Current during the	time, knots tenths per hour, setting to the				
Variation of the Con	mpass by Amplitude o observed at Sunrise, ship's head	0	,	"	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset, "	0	,	"	
Variation of the Con	npass by Azimuth ⊙ observed at "	0	,	"	
Variation of the Cor	npass by Azimuth ⊙ observed at "	0	,	"	
Water expended dur	ing the preceding 24 hours,		339	gallons.	
Water	during the preceding 24 hours,		-	"	
Water remaining on	hand fit for use at Noon,	2.	3/6	"	
Coal consumed during	ng the preceding 24 hours,	tons	1	ov lbs.	
Coal remaining on h	and at Noon,	/23"	14	90 "	
			-		

P. M.		4 0 0									
1		686	1116	2	30.07	76	77	72	de .	none	10
2	9	888	4	2	30.06				4	4	10
3		*		2	30.04				4	4	10
4		000	4	1	30.03	79.	80	75	a	"	10
5	,	686	000	2	30.01	81	81	75	6c	cii,cum	9
6		26	EM6	2	30.00	-80	80	77	4	4	9
7	/	6 by 8	4	2	29.99	80	79	76	4	4	9
8	/	1116	116	2	29.99	81	79)	76	4	4	9
9		Morth-	"	/	29.99	52	78	76	4	*	9
10		"		2	29.99	80	77	74	"	-	9
11		1 20 80	4	3	29.99	80	77	73	4		9
Mid.	/	116	,	3	29.96	80	75	73	11	"	9

, U. S. Navy, , 18 9/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid lot am. Cleary fings weafing light - at from how fog. light - at foggy, with indications of clearing Light - airs from between East-land 16.	
Clear finge weafier light - as	is from 16, until last.
froo hours; when had heavy fog.	I be p h. Gi
	W. In Mass Jul.
44.8am.	Cheigh U.D.M.
Sight - airs from between Cast and ME.	array taller part.
Int- 3457 and. aff. at 7.30 crossed light	
Ree'd on board for use of crew 116/4 lbs	
oraclable: and Saglas. Shread 11-7 or "	Maladaga " made dag
signals- and al-7.30 time signal. And 8 am loMerid. Slear and pleasant- Sight-an	id. O. Di
	Jugo Fry John an
8 am loMerid.	Light U.S. H.
- plear and pleasant - wight - an	is- from UG Toll 6,
I save los bank to the Dr. (U-0.30 inspece	es dat quarters and held
Sivisitual Exercises: 1000 en 13, fins on port o	have and put on
mooring snevel as softmo; to fine on s	Tarbord chain.
M: 1 1= 4 hm 1	Sind-9/891
Merid to 4 pm, line weather light air	Lind-U.S.M.
Merid to 4 pm blear fine weather light air. Made signal to Tallaporsa Int 4890,	fairled sail and piped
Made signal to Hallapoorsa Int 4890,	boat - Colon " rosul out.
Made signal to Hallapoorsa Int 4890,	boat- Colon " rosyst-out.
Made signal to Hallapoorsa Int 4890,	boat- Colon " rosyst-out-
Made signal to Hallapoorsa Int 4890,	boat- Colon " rosyst-out-
Made signal to Hallapoorsa Int 4890,	boat- Colon " rosyst-out.
Made signal to Hallapoorsa Int 4890,	boat- Colon " rosyst-out.
Made signal to Hallapoorsa Int 4890, down wash clothes: The Spanish Lund The Station Covertte "Andrea Prova foilot and went out again. 4 to 8 pm. Elear and poleasant Light EME. Al-5.00 made Int-6068. Sent-do	boat- Colon norst-out. na came in for a N. Ry Master / reld brigge from II 116 10- were Sopgallant-and
Made signal to Hallapoorsa Int 4890, down wash clothes: The Spanish Lund The Station Covertte "Andrea Prova foilot and went out again. 4 to 8 pm. Elear and poleasant Light EME. Al-5.00 made Int-6068. Sent-do	boat- Colon norst-out. na came in for a N. Ry Master / reld brigge from II 116 10- were Sopgallant-and
Made signal to Hallapoorsa Int 4890, down wash clothes: The Spanish Lund The Station Covertte "Andrea Prova foilot and went out again. 4 to 8 pm. Elear and poleasant Light EME. Al-5.00 made Int-6068. Sent-do	boat- Colon norst-out. na came in for a N. Ry Master / reld brigge from II 116 10- were Sopgallant-and
Made signal to Hallapoorsa Int 4890, down wash clothes: The Spanish Lund The Station Covertte "Andrea Prova foilot and went out again. 4 to 8 pm. Elear and poleasant Light EME. Al-5.00 made Int-6068. Sent-do	boat- Colon norst out. na came in for a N. Ry Master / Seld brigge from MME 10- wore Sopgallant-and
Made signal to Hallapoorsa Int 4890, down wash clothes: The Spanish Lund The Station Covertte "Andrea Prova foilot and went out again. 4 to 8 pm. Elear and poleasant Light EME. Al-5.00 made Int-6068. Sent-do	boat- Colon norst-out. na came in for a N. Ry Master / reld brigge from II 116 10- were Sopgallant-and
Made signal to Hallapoorsa Int 4890, down wash clothes: The Spanish Lund The Station Covertte "Andrea Prova foilot and went out again. 4 to 8 pm. Elear and poleasant Light EME. Al-5.00 made Int-6068. Sent-do	boat- Colon norst out. na came in for a N. Ry Master / Seld brigge from MME 10- wore Sopgallant-and
Made signal to Hallapoorsa Int 4890,	boat- Colon norst-out. na came in for a N. Ry Master / Veld brigge from II 16 10- were Sopgalland-and

Examined and found to be correct.

LOG of the United States Steamer Essex"

Of Montevideo, Uniquay.

BAROMETER. TEMPERATURE. Reading of Patent Log. COURSES STEERED Height in inches. Ther. Bulb. Water at Surface. by Standard Compass. Direction by Standard Compass. Heel. A. M. 29.98 77 74 73 29.98 75 73 72 29.98 74 73 72 29.98 74 72 71 4 29.98 73 7/7/ 30.0078 77 74 72 30.00 79 80 76 30.00 81 82 78 29.9981 83 78 . 4 11 Noon. cir cum 4

Course and distance	made good since preceding noon by observation	ons,	knots.		tenths.	
	(Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of ⊙		•	,	"	
	Longitude by chronometer from Forenoon (Observations of ⊙	0	,	"	
	(Latitude by		0	,	"	
Position at 8 a. m.	Longitude by		0	,	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		0	,	"	
Current during the	time, knots tenths per hour, s	setting to the				
Variation of the Co	mpass by Amplitude o observed at Sunrise, sh		•	,	"	
	mpass by Amplitude ⊙ observed at Sunset,	"	0	,	"	
	mpass by Azimuth ⊙ observed at	"	0	,	"	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0	,	"	
	ring the preceding 24 hours,			342	gallons.	
Water	during the preceding 24 hours,				"	
Water remaining on	hand fit for use at Noon,			1974	4 "	
	ng the preceding 24 hours,		1	ons 4	4 "	
Coal remaining on h			/23			
				1		

P. M.					
1	nnw	North-	3	29.98 83 83 78	be circuit 7
2	4	1	3	29.96 83 84 79	4 4 7
3	North-		3	29.95 85 85 79	4 " 7
4	92,8		3	29.94 85 85 78	" " 7
5	686		3	29 9485 86 80	les none 10
6			3	29.90858680	" . 10
7			3	29.9085 85 80	de cir stz 8
8	On On d	ma ma a	2	29.90878479	" " 8
9	91,916	M ME	2	29.93868478	" cir cum q
10	Ll by 6	"	3	29.93 85 83 78	bal , 4
11	11916	"	3-	29.9485 82 77	och simbo
Mid.	Month-	"	3	29.938582 76	bel " 2

Mid lo- 4 am.
Mid lo 4 am. White lo 4 am. Who Bacometer steady. Ho 8 am.
Ho & am. See and pleasant, misty, along horizon last two faces. Det to mase Sollar to mo circule breeze from M. 6. At -7.15 mase Int. 6. 6069 and prosent by galland, wrogal yarda at -7.30. Tallaporoni mase drops a time signals: Chief Engl. 18. B. Poso H.S. M. pe. humo from leave. Sam to Merit y Siena signals: Chief Engl. 18. S. Poso H.S. M. pe. Lieut of S. M. Muslered at guardies and encrewed at sail frith. Made routing signals. Merid to 4 pm. Sight- and warm. Barometer falling slovely. Sentle breeze from North.
4 lo 8 am., Sieut. U.S. n.
blear and pleasant misty, along horizon last two
Int, 6069 and crossed top gallant whoyal y arda- at-7.30. Tallapoosa
made dress & time signals: Chief Engl. 1. S. Poss-U.S. M. pe.
funet from leave.
Sam to Maris.
2121 & 1 21 Jair and poleasant - light - lo moderate breeze from
Made and in Mustered at greaters and exercised at sail drill.
Mr. Kon Masy tald.
Merid to 4 pm.
Sentle breeze from Morth.
JA Henter-
4/28 pm. 11- 11-1 1 2 11-11. 8. M.
4 to 8 pm. Clear weather gentle breeze from North: Made signal Inti. 6068 and sent down light yards: Served out glean had winder 8 pm to Mid.
Worky thereof tible
Som to Mid. One du and wescart- Baronster Multiratina.
Som lo Mid. Envign U.S.M. Envign U.S.M. Sight- to gentle breeze from MME. Occasional sheet blighting
lot Sd.
Secret U.S.M.

LOG of the United States Steamer Essex ", 3rd Rate,

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.			lear bs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				North-	North-	3			29.91	186	82	76		bel	nimb	5	
2				91916,	1116	2			29.88	84	79	70	-			5	
3				Douth-	4	2			29.88	82	77	74	+	4	-	4	
4				110	4	3			29.89	181	76	70	,	be	4	6	
5				686	4	4			29.89	78	77	74	4	Rel	cir cum	6	
6				MMG	Morth-	3-5			29.91	78	78	74	4	Ac	4	4	
7				ME by A	MM6.	3-5	-		29.91	78	77	74	4	4	circum	7	
8				,1	"	3-5	- 10		29.90	78	78	70	-	ĸ	4	8	
9				16	, "	3			29.90	81	81	18		beg	"	9	
10				North-	North-	3			29.90	82	83	79		"	4	9	
11				4	4	3			29.90	84	85	80		& ru	nous	10	
Noon.				4	4	3			29.90 29.88	85	85	80		4	4	10	
								-									

Course and distance	made good since preceding noon by observations,		knots.	ten	ths.	
	(Latitude by D. R.		0	, ,	,,	
	Longitude by D. R.		0	,	,,	
Position at Noon:	Latitude by observations of ⊙		0	, ,	,,	
	Longitude by chronometer from Forenoon Observ	ations of ⊙	0	,	,,	
	(Latitude by		0	,	"	
Position at 8 a. m.	Longitude by		0	,	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		0	,	"	
Current during the	time, knots tenths per hour, setting	to the				
Variation of the Co	mpass by Amplitude 🔾 observed at Sunrise, ship's h	ead	0	,	"	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "		0	,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at "		0	,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at "		0	,	,,	
Water expended due	ring the preceding 24 hours,		3	68 g	gallons.	
Water	during the preceding 24 hours,			, ,	"	
Water remaining on	hand fit for use at Noon,		14	606	u	,
Coal consumed duri	ng the preceding 24 hours,		tons /23 "	400	J. lbs.	
Coal remaining on l	hand at Noon,		/23 "	600	- "	
				/		

P. M.	North-	North-	4	29.86 86 81 80	le	circum 8
2	Mby Mr	Mby W	4	29.82 86 59 81		4 8
3	11 by 6	Ou .	4	29.80 87 89 82	u	u 8
4	North-	4	4	29.78 88 89 82	0"	4 8
5	Gast-	2000-	4	29.76.88.89 82	bene	u 8
6	686	nnw	4	29.7488888		" 7
7	86	70 00	2	29.748887.81		cir cum 8
8	E/16	Morth-	2	29.74898680		" 8
9	SW by 3	"	3	29.74.88.85 81	-	" 8 " 8
10	North-	"	3-1-	29.74818479		210n2 10
Mid.	nn dr.	M by Dr	3-5-	29.73.86 83 77		circum8
	,,,,,,,	1,1		1//000/1/	10-9	

Mid 10 4 azm.	
light breezes from With lightning los s light breezes from With lightning los 4 to 8 am. blear fine weather or with: Scrubber hammarks and at 736 crosse for Jallapooosa a pouting signals. Parties signals. Tallapoosa Spight and pleasant Baco	Southward Sentle and
light-breezes from MME 10- North -	
	Ollestone
4108 am.,,	Ensign U.S.M.
blear fine weather gentle	to slift breeze from ME.
Scrubber hammacks and al 736 crosse.	d light-yalor Made sig.
lo Tallapoosa "Ist- 6069. Tallapoosa" a	nd. Uffirmating "and, made
pouting signals -	W. Rugthasun fuld.
Otec d fresh Servisions for use of enero.	Ensign U.S.M.
Eam to Merid.	
Jught - and poleanant - Baro	meles falling gradually
Depulle breeze from MMG and Morth. C	U-9.36 mustered at quarters
afterwards had batallion deill and de	illed the artillery.
3/1 . 1	J Thewlen
11/10.1 1. 11 6:11	a / 10/1 / 1/- X 0//
Mishea po Fjohn.	, Ling a. S. M.
21 00 Blear and Joleasant Mode	rate breeze from Morth and
Mby W. Barometer falling. al-12.50 mi	rate fregge from Morth and we sig Int. 39 18 ans 6, off.
Mby W. Barometer falling. at-12.50 min	rate freize from Horthand we sig Int. 39 18 anso, off.
May W. Barom Eter falling. al-12.50 mo Went-to-quarters dl-1.05 and turn mocks:	rate breize from Horthand we sig Int. 39 18 anso, off.
Septle-breeze from MME and Horth. Co afterwards had batallione deill and do Merid to 4 pm. Blear and foleasant. Mose Mby W. Barometer falling. At-12.50 ma Went-to-quarters dt-1.05 and turn mocks:	rate bruge from Horthand we sig Int. 39 18 ans of off. Ed in scrubbed hama
Mby W. Barom Eler falling. al-12.50 mo Went-to-quarters al-1.05 and turn mocks:	rate bruge from Horthand we sig Int. 39 18 ans f. off. ed in scrubbed hama Oliverone Onsign. U.S. M.
Mby W. Barometer falling. at-12.50 mo Went-to-quarters dl-1.05 and turn mocks: 4 to 8 pm. blear and poleasant: Modera	ed in scrubbed hama Outsone Ousign Md. Let breeze from Md.
4 lo 8 pm. Blear and pleasant: Modera	Busign. U.S.M.
4 lo 8 pm. Blear and pleasant: Modera	Ensign. U.S.M.
4 lo 8 pm. Blear and pleasant: Modera	Ensign. U.S.M.
4 lo 8 pm. Blear and pleasant: Modera	Busign. U.S.M.
4 lo 8 pm. Blear and pleasant: Modera	Ensign. U.S.M.
4 lo 8 pm. Blear and pleasant: Modera	Jonsign. U.S. M. Jonsign Mid. Jones from Mid. John Steel- U.S.M. Joseph brieger from g. 30 hoisted in steam
Hoy W. Buometer falling. At-12.50 m. Went-to-quarters at-1.05 and turn mocks: 4 to 8 pm. Clear and pleasant: Modera Second to Mid. 8 fom to Mid. Rear and poleasant. Light North; squally last-two hours. It for cutter.	Ensign. U.S.M.

LOG of the United States Steamer Essex ", 3rd Rate, Uruguay.

_	_			-			-				1		-	-				
				Reading		WIND.				BAROMETER	R. TI	EMPE			State of	Forms of	Hear ths.	e Sea.
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. The	Air. Dry	Balb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. 1					Mby W	N by W	4			29.7480	8	72	76		lelt	cum.nim	4	
2	2				0"0	9	3			29.748	40	80	76		bel	4	6	
3	3				SS 91,	11000	4			29.78 8.	2	75	74		ocl.	rimb	0	
4					Dough-	33 W.	3-6			29.798.	2	74	71		belgo	cumui	welt +	
5					Dby W	Sby W.	3-4			29.818.	2	73	70		bel	*	3	
6					D by 6	DB W.	3-4			29.82 7	911	73	69		aem	4	0	
7					-8 11-	-	3-4	,		29.86 7	6	73	68		*	"	0	
8					Doush	-8',0'	3-4	-		29.907	6	73	69	-	comp	4	0	-
9					"	Douth-	3			29.967	5	7/	68		4	*	0	
10					*	"	3			29.977	5	72	69		oem		0	
11					4	1	3			29.97	46	73	68		bene	cir cum	1	-
Noo	on.				"	•	3			29.977	6	72	67		be	rimb	0	
1								-		-	-				-			

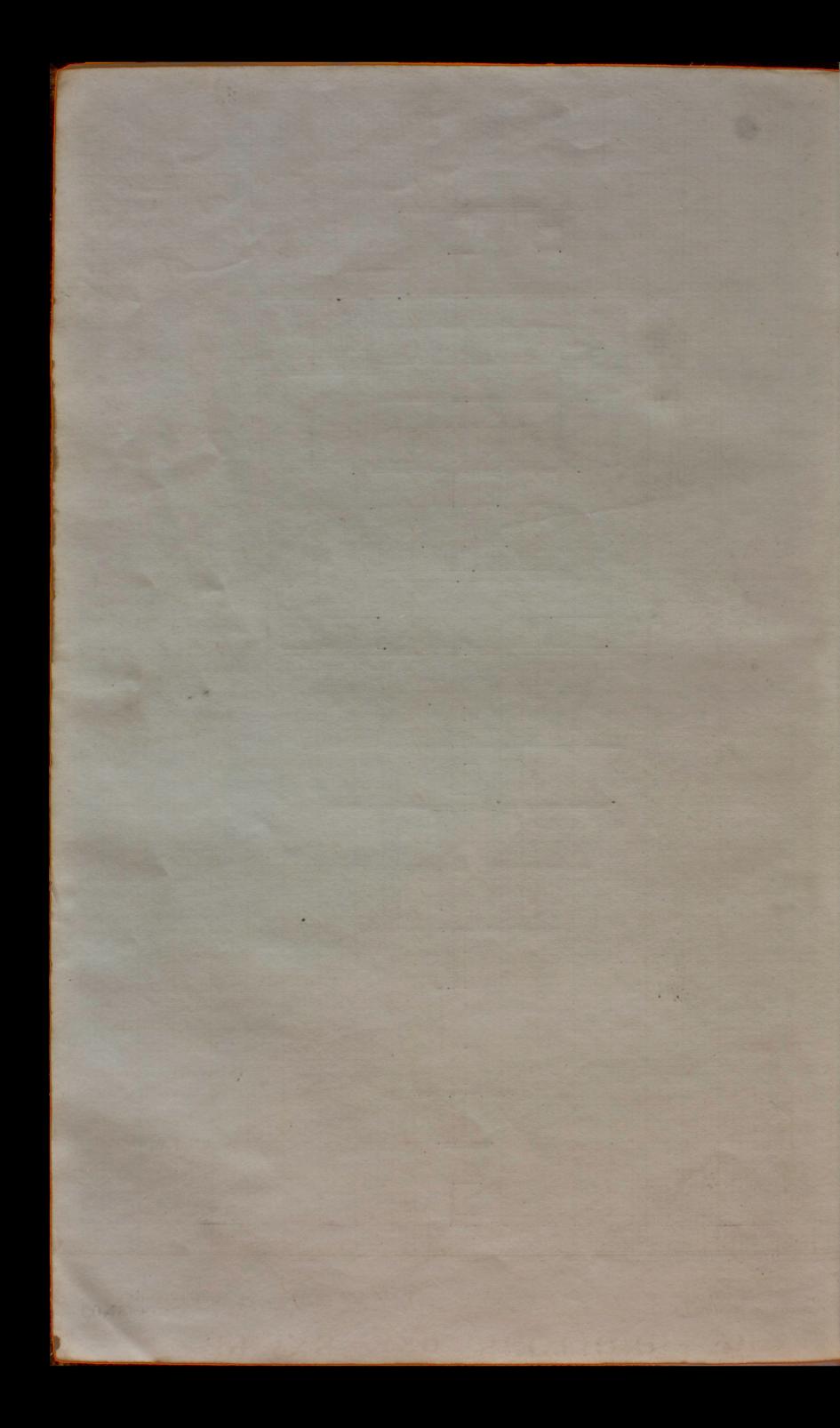
Course and distance	made good since preceding noon by observations,	knots.	t	enths.
Position at Noon:	Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
	Latitude by observations of ⊙	·	,	"
	Longitude by chronometer from Forenoon Observations of ⊙	•	,	"
Position at 8 a. m.	(Latitude by	•	,	"
	(Longitude by	0	,	"
Position at 8 P. M.	(Latitude by	0	,	"
	Longitude by		,	"
Current during the	time, knots tenths per hour, setting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head		•	,	"
Variation of the Compass by Amplitude ⊙ observed at Sunset, "		0	,	"
Variation of the Compass by Azimuth ⊙ observed at "		٥	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at "	0	,	"
Water expended du	ring the preceding 24 hours,	J	34	gallons.
Water Distin	Wed during the preceding 24 hours,		210) <i>u</i>
Water remaining on	hand fit for use at Noon,	1-	452	"
Coal consumed duri	ng the preceding 24 hours,	tons	60	or lbs.
Coal remaining on l	hand at Noon,	/22 "	130	30 "

P. M.						
1 2	South- South-	3	30.01 767266	o e	cum rimb o	
2 9	829/1	3	30.02 75 71 66	u	4 0	
3	4	3	30.03 75 70 64	4	4 0	
4	0",1	3	30.03 74 70 64	K	4 0	
5	South- "	3	30.03 74 70 64	4	ninet 0	
6	"	3	30.03 72 70 64	be	circum 3	-
7	1	3	30.02 76 69 63	4		
8	" " "	3	30.02 77,69 62	4	" 3	
9	110 200	2	30.03 76 69 63	4	" 4	
10	000 /11 /1/2	/	30.04 74 70 64	4	cir cum 6	
11 5	West Me	/	30.04 73 70 65	•	4 5	
Mid.	Noy 11 11 /1	/	30.03 71 70 65	, ,	. 5	-

Mid lo 4 am. p	
chiefly to Sd and SW. overcast third hours of staying frequent lightning first part beginning sist face hours; southern half of the holig orege from the by W to MY first face hours; wir abating to motopale to gentle breeze by half	I horizon dist-bast-
chiefly to Sd and SW. overcast third hours	cleaning Shart-half hour
Value frequent- lightning first-part, beginning	in fig & W and
Exferiding over the Southern half of the holig	one Ventle to moren.
prese from they I to the first hours;	historing suddenly at
abating to moterate to assilled freeze by hal	he squalls
the proof of the gord of the grant of the gr	Grigh First olyan
	Niech U.S. M.
	breeze from Shy W
	16 drift- fraid and 6/2
8 am. fo Merid. Of 1	one hig Vibertad"
8 am. fo Merid. The Commanding Officer assigned	Livet - U.S. M.
the following fourishmento: viz It Carmody (Pol-)	from South - al-9.30
righted of duty - 12 hours Extra duty. Vas: Quiales Pott	all boats armed
Pot of uniform - 12 hours Extra dudy. D. Parker List Not slinging clean harmock - Hruidricht watcher	3.28' 200 Culler 3.20.
Not slinging clean hammock - 4 midnight watches:	Ul-9.45 made poutine
on the state of the ways warner.	Quellone
Miller (ds) leaving slops in ward room, midnight watch:	Ensignel S.M.
manight waien.	from South - Moderate
	from South Moderate
	a still
	Jung Flut Sun au
4/08/pm. 00	Just a. 20. 76.
4 /o 8 pm. Bloudy. Sentle-breeze fr 8 pm to Mid. ~	om South?
	Quisione, on
2 / /- MI:1	Carega U.D. H.
Spom soffice. Friend Sight right	686 lint-but
from 16 third how and b	one I I last
from ME third thour and fr	(religi
	Jug Flotholmany
	Vient-U.D. II.

Examined and found to be correct.

le. K. leur ... Lawl - Navigator.



900:11-11	
Mid to 4 am. Savy banks of clouds argund chiefly to Sd and SW. overcast third hours of clouds argund chiefly frequent-lightning first-part beginning	, , , , , ,
1. 11. 1- disease banks of clouds argund	Gorizon first foart-
chiefly to od and of It ovideast there, hours c	learing hast-half hour
Capit the guern lightning bust - part beginning	in his & I and
Ending over his southern hair of the noting	The Dente to mote ear.
orege from May I to My most fire nours; s	regard suddenly at
anding to seals to assist by	ham he squalls
and ing to mo exerce to general breeze of many	Carl Giller
4 lo-8 amin	Visit IS Suman
Corecast- Scalle 1- more pale	Lace Stown
and SSW Bromster rising Last-25	the dail - laid and 6/2
Schooling over he southern half of the holig overge from Mby Ir to My first fire hours; s there oclock to SS W ish stiff squalls with abating to moterate to gentle briege by half 4 to 8 am Descast - Sentle for moderate and SS W. Barometer rising Lost - 20 fins line by fouling screw of proving 8 am to Merid. Cloudy & misty . Sentle breeze musteres at quarters and called awass	one lut Withalad"
Jan	M. Mendon
8 a m to Merid.	Sind-01.8.91
Cloudy & misty - Sentle breeze	from South - al-9.30
mustered at-quarters and called away	all boats armed
and Equipped times as follows 10th butter	28' 200 Buller 3.20.
and Equipped times as follows: 10th butter of Sig 5:10; St. Launch 4.38. Sl. Launch 5:45.	U- 9.45 made noutine
signals.	0
	OM Whom
	OM Whom
	OM Whom
Merid fo-4 form. Jour cast- Sentle-breeze harbor sea. Hoisted boiler of bled.	OM Whom
	from South-Moderate in launch inboard
Merid fo-4 form. Journal- Sente-breeze harbor sea. Hoisted boiler of WED	from South-Moderate in launch inboard
Merid lo-4 form. prencast: Sente-breeze for cleaning.	Jag Holyman
Merid lo-4 form. prencast: Sente-breeze for cleaning.	Jag Holyman
Merid lo-4 form. prencast: Sente-breeze for cleaning.	Jag Holyman
Merid fo-4 fom. Journal- Sentle-breeze for cleaning. 4 to 8 pm. bloudy. Sentle-breeze for bloudy.	Jung South- Moderate inboard Jung Stull Suman
Merid fo-4 fom. Journal- Sentle-breeze for cleaning. 4 to 8 pm. bloudy. Sentle-breeze for bloudy.	Jung South- Moderate inboard Jung Stull Suman
Merid fo-4 fom. Journal- Sentle-breeze for cleaning. 4 to 8 pm. bloudy. Sentle-breeze for bloudy.	Jung South- Moderate inboard Jung Stull Suman
Merid fo-4 fom. Journal- Sentle-breeze for cleaning. 4 to 8 pm. bloudy. Sentle-breeze for bloudy.	Jung South- Moderate inboard Jung Stull Suman
Merid fo-4 fom. Journal- Sentle-breeze for cleaning. 4 to 8 pm. bloudy. Sentle-breeze for bloudy.	Jun South Moderate in South Moderate in launch inboard Jung Autholman Jung Author Jung Autholman Jung Autholman Jung Autholman Jung Author Jung Au
Merid lo-4 form. prencast: Sente-breeze for cleaning.	Jun South Moderate in South Moderate in launch inboard Jung Autholman Jung Author Jung Autholman Jung Autholman Jung Autholman Jung Author Jung Au
Merid fo-4 fom. Journal- Sentle-breeze for cleaning. 4 to 8 pm. bloudy. Sentle-breeze for bloudy.	Jung South- Moderate inboard Jung Stull Suman

Examined and found to be correct.

le. K. leur ... Land (- Navigator.

LOG of the United States Stramer Essex ", 3rd Rate, Monte video, Uruguay.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.			lear bs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				7194	Wn Dr	1			30.03	73	66	63		bem	cum	6	
2				Morth-	116	1			30.03	71	66	62		и	4	6	-
3				71 011	Morth-	/			30.02	71	65	62	1	"	. "	6	
4				111191	4	/			30.01	71	64	61		bm	u	10	
5				11 gray W	*	2			30.01	68	65	62		bene	circun	x 8	-
6				DO ON	4	2			30.00	65	-60	62		•	4	8	
7				206	a	2			30.00	66	63	762		*	4	9	
8				11/16	40 500	3			29.98	70	64	-61	1	-	4	9	-
9				Il by W	11/11/18	3			29.98	70	66	61		be	4	9	
10				200 100	7 0 1 50	2			29.98	70	68	63		"	"	9	-
11				An byll	1 Is by ll	2			29.96	71	69	63		ч	4	9	
Noon.				94/11/94	West-	3			29.96	71	70	64	-	4	4	9	

Course and distance	e made good since preceding noon by observation	ons,	knots.	te	nths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		•	,	"
	Longitude by chronometer from Forenoon	Observations of ⊙	0	,	"
	(Latitude by		. , 0	,	"
Position at 8 a. m.	Longitude by		•	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Latitude by Longitude by		0	,	"
Current during the	time, knots tenths per hour,	setting to the			
Variation of the Co	ompass by Amplitude o observed at Sunrise, si	hip's head	0	,	"
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset,	u	0	,	"
Variation of the Co	ompass by Azimuth ⊙ observed at	"	0	,	"
Variation of the Co	ompass by Azimuth ⊙ observed at	u	•	,	"
Water expended du	ring the preceding 24 hours,		J.	38	gallons.
Water	during the preceding 24 hours,		13.	46	"
Water remaining or	n hand fit for use at Noon,		24	460	"
	ing the preceding 24 hours,		/ ton	18 46	O lbs.
Coal remaining on l	hand at Noon,		121 "	87	0 "
				/	

P. M.	918 91	918 W	3	29.96 70 7064	de	cor cus	uc 9
2	SS W	+	3	29.95 70 7066	la	none	1,
3	00	"	3	29.95-71 71.66	4	4	10
4	2000	4	3	29.96 72 7166	14	4	10
5	S\$ 9%	2000	3	29.94-74 73.65		4	10
6	Dough.	11 911	2	29.94747468	u	•	10
7	220	0102000	1	29.94747469	*		10
8	200	202000	2	29.94 7573 69	4	4	10
9	Story &	111171	1	29.95 7672 68	4	4	10
10	200	8"8 8	3	29.96 77 72 68	a	""	9
11	22/6	200	4	29.99777167	4	4	8
Mid.	"	"	4	30:01 73 69 66		-	3

Mid lo + am.	
Whed to 4 arm. Jine pleasant washer Moon airs from 16 16 WIN We Distilling 4 to 8 pm. Hear and pleasant - Sentle from Morth - Executed morning orders	light-till 2.10. Light-
and from 16 to WIM. Distilling	Others's
4 6-8 pm.	Lieut-91.8.21.
Glear and pleasant - Sentle	and light - breezes -
Sam to Merid. The proposition of the first and vegetables and gs; Sam to Merid. The proposition of the series and pleasant - Sentle	36. Rec'd in Pay Dep,
16/4 lbs fresh beef and vegetables and 93/	to- bread
8 am to Merid.	Coming 18 M
blear and pleasant- Ventle	to light breeze from
MIN NO NEST. CO 4.30 Corns-lo Dinieral (Vienter - Times 1. 15
2 dir 1. 43. 32d Div 1.30. Mar. Dir 1.54; (Luard 1.20; Engr Div 1.35; Al-9.45-mad	owder 2.02; Marine
Distilling.	E me pourine signais
500 : 1 - 11 1	Jugo Lystolman
Mend to 4 pm.	1. Sient-U.S. M.
a , in flat and preavant. Dente	E D(EE) E A TOM (1X) 11.
Distilling.	
Distilling.	o Marylung Do
Distilling. 4 /0-8 pm.	Je Vient- of S. Han
Merid to 4 pm. Distilling. Distilling. Ho-8 pm. Clear and poleasant. Lende first-part; light- breege to light-an	s. Home I I laver
Shart Enlisted Terminel Fridayn a	- Seamon Mager
Shart Enlisted Terminel Fridayn a	- Seamon Mager
Spart: Enlisted termand treidmann and orner al-6. 10 went- to fine quarter second 1 320; 320 2 m28 of By orter of Topping 64) was framferred to the Stall	Comdy Hier Mich.
Spart: Enlisted termand treidmann and orner al-6. 10 went- to fine quarter second 1 320; 320 2 m28 of By orter of Topping 64) was framferred to the Stall	Comdy Hier Mich.
Spart: Enlisted Termand Tridmann and Sparts. Al-6. 10 went- to fire quarter of Joyne (64) was framferred to the State hammock and transfer papers: Distill	Condy Officer Mich.
Spart: Enlisted Termand Teidmann and Sparts. Al-6. 10 wint- to fine quarter second ("320; 320 2 mag of By orote of hammock and transferred to the Table hammock and transfer papers: Distill	County Officer Mich.
Spart: Enlisted Termand Teidmann and Sparts. Al-6. 10 went- to fire quarter of sparts of the July order of hammock and panofer papers: Distill themmock and panofer papers: Distill themmock and panofer papers: Distill themmock and panofer papers:	Condy Officer Mich.
Spart: Enlisted Termand Teidmann and Sparts. Al-6. 10 went- to fire quarter of sparts of the July order of hammock and panofer papers: Distill themmock and panofer papers: Distill themmock and panofer papers: Distill themmock and panofer papers:	Condy Officer Mich.
Spart: Enlisted Termand Teidmann and Sparts. Al-6. 10 wint- to fine quarter second ("320; 320 2 mag of By orote of hammock and transferred to the Table hammock and transfer papers: Distill	Condy Officer Mich.

LOG of the United States Steamer Essex ,3/2d Rate,

A.M. 1 SSE South - South - 4 30.03 726962 be circum 3 3 4 5 8 4 30.05 706760 4 30.06 70 6760 4 30.07 70860 7 8 4 30.07 70860 4 30.07 70860 7 8 4 30.07 70860 4 30.07 70860 9 10 10 SSON SSON				Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	Forms of	lear ths.	e Sea.
1	Hour.	Knots.	Tenths.	of Patent		Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather.	Clouds, by	Prop. of Clear Sky, in 10ths.	State of the Sea
2 South - South - 4 30.05 7067 60 " " 3 4 30.05 7067 60 " " 9 5 South - 4 30.05 7067 60 " " 9 6 30.06 70 67 60 " " 9 7 4 30.07 70 67 60 " " 9 8 4 30.17 70 68 60 " " 9 10 30.15 71 69 61 " " 10 11 SSW SSW 3SW 3 30.14 71 69 61 " " 10					886	186	5			30.03	72	169	62			nimb	0	
4 30.05-706760 " " 9 6 30.05-706760 " " 9 8 " 4 30.05-706760 " " 9 8 " 4 30.11 70 68 60 " " 9 10 30.15 71 69 61 " " 9 11 SSW SSW 3 30.14 71 69 61 " " 10	1				0 " ,	0",1	5			30.04	72	69	62		be	eir cum		
5	3				Douth-	South-	4				/		1		4	-	3	
6 South 4 30.0869 67 60 4 9 9 10 10 11 SSW SSW 30.147169 61 " 10					-80, 2		5				11	11	1.			4	7	
10 30.10 70 67 60 4 9 9 4 30.10 70 68 60 4 9 9 10 11 SSW SSM 38 M 3 30.14 71 69 61 4 10 10					Soy 19-		4				1	11				4	90	
8 9 10 10 11 SSW SSM 30.11 70 68 60 10 10 10 10 10 10 10 10 10 10 10 10 10					x oun		1				/	1	1		*	4	9	
10 30.15-71 69 62 be 2000 10 11 SSW SSW 30.14-71 69 61 " 10	8				4		1,					1	1		4	,	9	
11 889 8 30.147/696/ " 10	9				4		4			30./3	71	69	61		4	4	9	
11 20 20 20 30. 14 7/ 69 6/	10				, 100	0"00"	3			30.15	7/	69	62	-	be	none	10	
	11				20 8 W	DD 911	3				/	1	,		"	-	-	
Noon. 3 30./5 7/ 69 6/ " 10	Noon.				1	^	3			30.15	71	69	61		4		10	

Course and distance	made good since preceding noon by observati	ons,	knots.	tenths.	
	(Latitude by D. R.		0	, ,,	
	Longitude by D. R.		•	, ,,	
Position at Noon:	Latitude by observations of ⊙		0	, ,,	
	Longitude by chronometer from Forenoon	Observations of ⊙	0	, ,,	
	(Latitude by		0	, "	
Position at 8 a. m.	Longitude by		•	, ,,	
n to an w	(Latitude by		•	, "	
Position at 8 P. M.	Longitude by		0	, "	
Current during the	time, knots tenths per hour,	setting to the			
Variation of the Con	mpass by Amplitude o observed at Sunrise, s	hip's head	0	, , ,,	
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset,	"	0	, ,,	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0	, , ,,	
Variation of the Cor	mpass by Azimuth ⊙ observed at	u		, "	
-/	ring the preceding 24 hours,			360 gallons.	
Water Distil	Wed during the preceding 24 hours,		10	60 "	
	hand fit for use at Noon,			00 "	
Coal consumed during	ng the preceding 24 hours,		tons	800 lbs.	
Coal remaining on h	and at Noon,		/20 "	1310 "	

Р. М.	000	9 9 9			1	
1	25 11,00	88 W	3	30.14 73 69 61	de	cir cum 9
2	8 W by W	1	3	30.15 73 6961	le	4 9
3	WESK.	"	3	30.15 74 70 63	4	" 9
4	Sh by h	4	2	30.15 74 70 63	4	" 9
5	×5	o" a	/	30.14 74 72 65		4 9
6	4	East-	/	30.13 72 7/64		" 9
7	2 0 9	-	/	30.12 76 70 65		" 9
8	686	16	2	30.12 76 70 65	9	" 9
9	" 2	2/2/00.	/	30.12 77 69 65	6	2001 2 10
10	N by &	MM W	/	30.12 76 67 64	4	" 10
11	2 2 2	716	/	30.13 74 67 64		" 10
Mid.	688	nE	/	30.13 72 65 63		10

under the command of Commander A. S. Sword, U. S. Navy, Salunday, February 21 2 , 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid lo- 4 am.	
Mid lo 4 am. Orrecast; there fair. Stiff breeze from ESE and South: W. Ruy Man Hall 4 lo 8 am. Carpigar 21.8.91. Rough harbor sea. Mose pale breeze from South: Sam to Merid: Lear and pleasant Dentle breeze from South to S. Mose pale sea. Aired bedding. Merid 6-4 lom.	us
South:	
11 / 5 mil	1.
to 8 am. Alexand Poles and Made rate besses land South	
Rough harbor sea.	
Jug Allfolman	
8 am to Merid,	
I sear and poleasant. Gentle breeze from South to De	91.
Mos spar sea. uned realling.	
Merid 6-4 10m. Sient-91.8.91	
Clear fine weather gentle to light freeze from &89	
to 8/2 In the tommanding Officer assigned the following punishments: org	
1 (1.0. Larsen () 1 reduced one class and Thos: Haherly (do) peduc	ES
To To class one month for signing. When Mas Fill	
46-8 bm. Ensigh U.S.M.	,
blear and pleasant Light- airs to light breeze for	m
SAW to SE and ME. Put-on yard mast and top covers and	2
Mexid to 4 low. Sear him weather gentle to light freeze from \$800 hospin The Commanding Officer assigned the following punishments: or 12. Land one class of the following punishments: or 10 4 to class one month; for fighting. W. Ray Mass Fill 4 to 8 form. Sear and pleasand; Light airs to light breeze from \$800 hospital S. R. Sans 76. Out one yard mast and top covers and part of the fortion of the position of the part of the fortion of the position of the part of the fortion of the part of the fortion of the part of the position of the part of the part of the position of the part	n
pail of	
8 frm to Mid. Lieut-U.S. M.	
blear, light-airs from MMW and ME, o,	
Mr. Ren Marin of reld	
8 frm to Mid, Sieut-U.S. M. Kieut-U.S. M. Rusign U.S. M. Pensign U.S. M.	

Examined and found to be correct.

LOG of the United States Stramer Essex , 3rd Rate, Making passage from Montevider to Maldonado.

Hour. Knots.		Readin						BAROME	TER.	TEMI	ERAT	URE.	State of	Forms of	Hear	ne Se	
HX	Tenshe	of Paten Log.	t by Standard Compass		Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea	
A. M. 1			6116	1119V	3			30.11	71	63	61		be	çır cun	29		
2			, ",	" ,	3			30.11	69	62	61		*		9		
3			11 by 6	North-	3			30.11	69	139	38			4	9		-
4			Morth-	"	4			30.10	69	34	58		*	4	9		
5				"	4			30.10	66	60	60		1	cir str	9		
6			*	"	4			30.11	63	61	60		*		9	1	
7				112191	4			30.11	63	-62	60		,	*	9		-
8			•		4			30.12	63	64	62	1	bem		9	1	
9			4	0 1	4			30./2	67	68	63	-	+	4	9	28	
10 00	100	er bal:	log & ME /2 Q	5	4	13.33		30. /3					"	4	9	"	
11		18.4	4	a	4			30./3					"		9	*	-
Noon.		13.0	6 "	*	2			30.14					4	4	9	1	-

Course and distance	made good since preceding noon by observation	ns,		knots.		tenths.	
	Latitude by D. R.			0	1	"	
D Y	Longitude by D. R.			0	,	"	
Position at Noon:	Latitude by observations of ⊙			0	,	"	
	Longitude by chronometer from Forenoon (Observations of ⊙		0	,	"	
	(Latitude by			0	,	"	
Position at 8 a. m.	Longitude by			0	,	"	
n n w	(Latitude by			0	,	"	
Position at 8 P. M.	Latitude by Longitude by			0	,	"	
Current during the	time, knots tenths per hour, s	setting to the					
Variation of the Con	mpass by Amplitude o observed at Sunrise, sl	nip's head		0	,	"	
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset,	"		0	,	"	
Variation of the Con	mpass by Azimuth ⊙ observed at	"		0	,	"	
Variation of the Con	mpass by Azimuth ⊙ observed at	"		0	,	"	
Water expended dur	ring the preceding 24 hours,				332	gallons.	
Water	during the preceding 24 hours,					"	
Water remaining on	hand fit for use at Noon,			1	468	"	
Coal consumed duri	ng the preceding 24 hours,			2 tor	18 /	720 lbs.	
Coal remaining on h	nand at Noon,			1/7 "	18	720 lbs.	
			-	/			

-						-				-	-
P. M.								1			
1	7	4	23.0	E1/6/26	Calm	0	30.14 75 76 69	lone	nonz	10	
2	7	2	30.2	, , , ,	"	0	30.10 75-76 69	4	4	10	
3	17	4	37.6	6/211	4	0	30.08 75-76 70	*		10	
4	7	6	45:2	",	4	1	30.07 75-76 70		4	10	
5	/		57.8	Elys	E by &	2	30.06 76 76 69	4		10	
6				E 21-	East-	2	30.06 77 7469	4	4	4	
7				616	6116	2	30.05 - 77 74 70	4		9	
8				E by M		2	30.07 78 74 70		4	9	
9				676,	"	2	30.07 79 73 69		4	10	234
10				76 by 6	"	2	30.07 77 69 66	4	*	10	33
11					116	2	30.07 75-6765	4	4	10	333
Mid.				MAE.	"	2	30.07 73 67 64	"		10	
1/29/11				1			1 1/1 1/1			19-10	-

500.11-1	
Mid to 4 am	1.0.0
Olear and Joleasaget. Oright	- moonlight - Varonn her
strady Lenter to modepair or egg from	ld. Drawed fuco
Mid to 4 am. blear and pleasant: Bright steady. Lenth to moderate breeze from under 3 foilers.	1914 1-
11 / 0 2 2 2 2	Je miles
4 to 8 am. flear and pleasant; modepate bre	hard the Marth-la-1979 Our
U-5:30 commenced unmoving ship	ald 6.30 mars Int- 4890
and at - 7.10 pat under weigh and sto	out out of the harbor
Ships - draft - 13'2" for's, 14" 4" amid an	d 16's " Saft - Bent light
sails. Reed 117/2 lbs beef, 117/2 lbs grage table	s and Sg4 los break in
Ships-draft- 13'2" for's, 14" 4" amid an sails- Reed 117/2 lbs bref, 117/2 lbs prege table	
1 , 2	F. Milian
19 W. Finished sominging ships at 9.50 her course 6/16/26. P. L. reading o.	Lieut 21. 8. 91.
blear fine weather moderale	- to light - bruge from
MI W. Finished swinging ships at 9.30	and but the ship on
her course 6/16/26. V.d. reading .	Made plaine sail to
poyals: Jook fels arling Brava 11-16/8 11	and 61 6 eprol 11/211
(be) Ships head 9/16 /26. Must Exed	and inspected at quarter
Morrage steam 70 lbs-, aver. peut. 38.	ho has till
Roy als: Fork Sesoulier Brava OI-It 18 91 (be) Ships head 6/16 /2 6. Mustered average steam 70 lb., aver. peut: 38. Meris to 4 low and warm. Baron and light airs from Sd. Al loofurled said	ff. Kny frasny rach
Misses to 4 10 mg.	Enologie a. S. Il.
Slight significant and warmy, water	Pland Latitel Coint-
del teste di- thouse in sight-al boint-	2 SHr Show 11-2.00
del Este di Stouse in sight-as point-or changes course to 6/2 M. aver steams	o ans revites
	AT Newton
4 fr 8 pm 1	Jeul-21. 8. 91.
Blear weather light-breeze from	n 6 hy 8 to 616.
U-5:00 form came to anchor in 5 1/2 form of	valer and moored to 45 fm.
in stations and to im the 110 to character to	A OF VOICE OF A TOUR OF
Drured battery for bort- Bearing. from a My 12 1/2 Mag Coth Edral Tower Hoy & 1/4 L	inchgrage Valena Voint
In M Ir /2 M/Mag Coth Edral Jower It by to 1/4h	. Hauled fires.
	he of het Gil
1 1-91	W. Kin Mary July
8/0m 4 Midy	Ensign a. S. M.
blear and foleasant- Copight	moon light. Vourous soll
1130thes 1 - 115 tans 1 8116 196	
printy. Light wiege from the and it	At Henry lever
8/0m ho Midgler and Joleasant. Bright- strady. Light huze from E118 and 119	Lieut- I. S. M.

Examined and found to be correct.

le J'Y luntion Navigator.

LOG of the United States Stramer Essex", 3 nd Rate,

		_											
			Reading of	COURSES STEERED	WIND.				BAROMETER. TEMPERATURE.	State of the Weather,	Forms of Clouds, by	Clear 10ths.	the Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. Ther. All Marker at Surface.	by symbols.	symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				40 40 0	62 4 4 0					1			
1				1116,	11/16	2			30.07 73 67 64	bru	Houz	10	
2				North -	4 1	3			30.04 7/66 64	*	4	10	
3				И	Horth-	3			30.02 71 66 64	be	eir	9	
4				*	4	4			30.00 6965-64	4	cir oli	-4	
5					4	3			29.98 69 64 63	4	cir cun	~ 7	
6				" " "	11/16	3			29.98 68 64 63	u	4	9	
7				Mby W	• ,	2			29.99 69 66 65	4	*	9	
8				MI by M	Horth -	3			30.00 7/ 69 66	4	4	9	
9				*/	7191	3			30.03 72 73 69	*	4	6	
10				Wby n.		3			30.02 74 75 71	4	4	6	
11				West-	•	2			30.01 76 78 72	4	4	6	
Noon.				Wby S.	West.	2			30.00 76 78 73	4	4	6	
									111				

The state of the s					
Course and distance	e made good since preceding noon by observation	ns,	knots.		tenths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.		o	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon (Observations of ⊙	0	,	"
	(Latitude by		0	,	"
Position at 8 a. m.	Longitude by		•	,	"
	(Latitude by		۰	,	"
Position at 8 P. M.	Longitude by		•	,	"
Current during the	time, knots tenths per hour, s	setting to the			
Variation of the Co	ompass by Amplitude o observed at Sunrise, sl	nip's head	•	,	"
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset,	"	•	,	"
Variation of the Co	ompass by Azimuth ⊙ observed at	"	•	,	"
Variation of the Co	ompass by Azimuth ⊙ observed at	"	•	,	"
Water expended du	ring the preceding 24 hours,		3.	38	gallons.
Water	during the preceding 24 hours,				u
Water remaining or	n hand fit for use at Noon,		2)	130	, "
Coal consumed duri	ing the preceding 24 hours,		3 tons	16	80 lbs.
Coal remaining on	hand at Noon,		//4 "		

P. M.	3	3			1		
1	West-	Prest-	1	29.96 77 8 74	be	ciscum	47
2	11.94	71 %	2	29.91 78 80 72			9
3	1119v	nng	2	29.89 7882 73	4	7	9
4	71 W	1191	2	29.58 7983 75	•	-	9
5	*	4	1	29.88 7983 74	4		9
6	Jrn m	*	1	29.878/83 75	4	4	8
7	"	*	1	29.8682 8/ 75-		1	8
8	, .	"	1	29.85 82 79 72	bel	4	8
9	n by W	719r	2	29.8682 78 72		6	4
10	0,,	1	2	29.8782 78 70	"	4	4
11	n W by n	"	2	29.8982 76 70		rimb	1
Mid.	Wby 8.	W & W	2	29.9080 75 71			8

, U. S. Navy,

Mid to 4 am.	
Mid to 4 am. Blear and pleasant hist-hore how how. Light to moderate breeze from Mills 4 to 8 am blear and fine, gentle breeze from Dressed ships at mast heads; at I such pis. Sam to Muid Oright and warm. Barometer so breeze from 18 % and Ir. Sent a liberty fo	urs - clouding last -
hour dight to moderate breezes from Il	& and Holh -
	Vitellione
4 15 8 am 1	Caregne U.S.M.
Olgan and fine, gentle breeze from	MM6 and Morth -
Spessed Ships as mast heads; as such pis.	W. P. has fill
Sam L- Maid	Continue 18 M
· (Bright and warm Banometer 11	Lady Soulle 1: hill-
besse from WW and Ir. Sent- a liberty to	arty of 65 men over
to that Island.	
	M. Heyolow
Merid to 4 prul	Licul-U.S.M.
1 2 Strap and pleasant. Light-	ins and preger -
Merid to 4 form from West - To MAN W.	0,,,,,,,,
1 14 1 1	Justing & Du
T/08/02/	onsign a. D. M.
I and pleasant - Conomics	in siendy light-aus
from West- to MM W. 4 10 8 pm. lar and pleasant- Beromet from M W. Barometer falling sloroly. Schouss rising to S'd	Cecas Nortal uguinning
guous puning for son	14. Hewlen
8 ban to Mid	Sign-21.8.91
Cartrally cloudy. Light - breeze	E from MM I and
8 pm to Midially cloudy. Light-brigg	1
	Clusion, on
	Ensignal & M.

LOG of the United States Stramer Essex ", 3rd Rate,
Waldonado, Uniquay.

			Reading		WIND.			-	BAROME	TER.	TEME	PERAT	URE.			par 18.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				SELS	S& 1/8	2			29.88	80	70	-72		sel	uin	0	
2				8816	88	2			29.87	79	74	72		4	*	0	
3					"	2			29.87	79	72	7/		,"	4	0	
4				2 ,	200	2			29.87	78	72	71		begne	circum	45	
5				Cast-	686	2			29.87	78	73	70		bel	4	3	
6				26	26	1			29.88	76	73	70		"	4	1	3-11
7				200	6 9 0	1			29.90	75	572	69		be	4	1	
8					206	2	196		29.91	75	72	68		4	•	2	
9				4	4	3			29.91	74	70	67		4	" 7	4	
10				4		3			29.93	74	69	66		4	•	4	
11					4	3			29.94	471	469	66	1	*	,	4	
Noon.				4	4	3			29.99	472	67	63		4	"	4	3
											/						

Course and distance	made good since preceding noon by observations,	k	nots.		tenths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Observation	ons of ⊙	0	,	"
D '''	(Latitude by		0	,	"
Position at 8 a. m.	(Longitude by		0	,	"
D. ir D. M	(Latitude by		0	,	"
Position at 8 P. M.	(Longitude by		0	,	"
Current during the	time, knots tenths per hour, setting to	the			
Variation of the Con	mpass by Amplitude 🔾 observed at Sunrise, ship's head		0	,	"
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset, "		0	,	"
Variation of the Con	mpass by Azimuth ⊙ observed at "		0	,	"
Variation of the Con	mpass by Azimuth ⊙ observed at "		0	,	"
Water expended dur	ring the preceding 24 hours,			3 72	gallons.
Water	during the preceding 24 hours,				
Water remaining on	hand fit for use at Noon,		/	173	8 "
Coal consumed during	ng the preceding 24 hours,		tons	40	8 " To lbs.
Coal remaining on h	and at Noon,	//.	3 "	19	90 "
				, ,	

M.	200				1	
1	256	286	3	29.96 706763	be	minel 4
2	Dough-	4	3	29.96 69 66 63	4	4 3
3	SS W.	"	3	29.95.68 66 63		" 4
1	28 M	"	3	29.94 68 66 62	"	" 4
5	2001 W	"	3	29.93 69 65 62		* 2
6	00	o"d	3	29.92686561	"	" 2
	2 3 W	36	3	29.91 72 65-62	"	" 2
3	XX W	1	3	29.91 72.66 63	*	" 4
9	South-	200	3	29.92 72 66 63	ac	cum shi
0	Douth-	686	3	29.92 73 66 68	"	
1	889	East-	3	29.93 74 66 64		. 0
id.	226	Cast-	4	29.93 74 66 63	ock	cum rimb 0

Mid lo-4 am.	
Stoby Sand Sto. Theald light wing to the	last - hour dight-breeze from
Dogo and Do. Hears uguining to the	Jeogr HV. Holman Sie ut - 21. S. M.
from St. Lommenced larget-foraces	Vieut-21. S. M.
Sloudy and poleasant-	Farometer pising Light-airs-
from &a. Sommenced larges-Joraes	My Mudia
8 am fo Meridge	om & SE Sent firing packy
bloudy Lentle breeze fr	om & & & Sent-firing packy
on shore to fire alt rifle target and	divisions also fixed lat-plital
M. J. Obse (Spum) Turning in after 5/2	The following punishments: by
lost one week. It (Qualit (Sea) Mot-alost-	to-bust sail - 8 4 hours anchor
I watcher; late hammock - To be called	1/5 minutes before all hands for
four nighningo:	
	(IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Maris for 14 brus	1891
Meris to 4 pm. Jair. Lentle-breeze fr	om SSE, Exercised officers
Meris to 4 pm. Jair. Dentle breege for and 1st Division at proolver, practice	on SSE. Exercised officers
Meris to 4 pm. Jair. Lenthe breeze fr and 1st Division at prolocy practice and the 3rd Division at rifle practice	on SSE. Exercised officers
Meris to 4 pm. Jair. Lentle breege for and 1st Division at proolver, population and the 3rd Division at pifts population	on SSE. Exercised officers
Meris to 4 pm. Jair. Lentle breeze fr and 1st Division at perolver, popartie and the 3rd Division at rifle popartie 4 pm to 5 pm. blondy. Lentle breeze	on SSE. Exercised officers
Meris to 4 pm. Jair. Lentle breeze fr and 1st Division at proolver, practice and the 3rd Division at right practice 4 form to 5 pm. bloudy. Lentle breeze exercised, at right practice. At 5th	on SSE. Exercised officers
24 pm to 8 pm. bloudy. Dentle breeze Exercised at-rifle practice. at 5.00	from & & & & Start Division from & & & & & Start Division
24 pm to 8 pm. bloudy. Dentle breeze Exercised at-rifle practice. at 5.00	from & & & & Start Division from & & & & & Start Division
24 pm to 8 pm. bloudy. Dentle breeze Exercised at-rifle practice. at 5.00	from & & & & Start Division from & & & & & Start Division
24 pm to 8 pm. bloudy. Dentle breeze Exercised at-rifle practice. at 5.00	from & & & & Start Division from & & & & & Start Division
Meris to 4 pm. Jair. Lentle breege from the Division at perolocy population and the 3rd Division at pipe foraction 4 form to 5 pm. Cloudy. Lentle breege exercised at right practice. At 6th and unbent sail.	from & & & & Start Division from & & & & & Start Division

Examined and found to be correct.

le, K. leurhi Zami - Navigator.

			Reading		WIND.				BAROMETER.	TEMPERATURE	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. Ther.	Air, Dry Bulb. Air, Wet Bulb. Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				S.S.M.	686	3			29.96 71	67 63	OCA	ninh	0	
2				6116	6116	3			29.90 71	6461	4		0	
3				40600	116	3			298870	63 60	4	4	0	
4				11116	11/16	5			29.79 69	60 59	4	*	0	
5				6000	61 1	43	•		29.7467	5936	oed	1	0	
6				11 by 6	Morth -	2-4		0	29.73 66	5936	oedl	4	0	
7				92 1	4	2-4	4		29.72.65	6057	oe.	*	0	
8				Mogh -	6000 06	2			29.72.65	60 38	be	uin she	-/	
9				Mbyll	11 Whyh	3			29.72 66	65-62	u		2	
10				JA MIN	MMM	4			29.73 69	7166	4	circum	-6	
11				0"	0 "	4			29.7471	7267	4	4	8	
Noon.				1/201-	WEST-	4-5			29.74 72	7268	и	4	9	

Course and distance	made good since preceding noon by observation	ons,	knots.	1	tenths.	
	Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	, -	"	
Position at Noon:	Latitude by observations of ⊙		0	,	"	
	Longitude by chronometer from Forenoon	Observations of ⊙	•	,	"	
	(Latitude by		•	,	"	
Position at 8 a. m.	Longitude by		۰	,	"	•
· · · · · · · · · · · · · · · · · · ·	(Latitude by		0	,	"	
Position at 8 P. M.	(Longitude by		•	,	"	
Current during the t	time, knots tenths per hour,	setting to the				
Variation of the Con	mpass by Amplitude o observed at Sunrise, s	hip's head	•	,	"	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,	a a	•	,	"	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	•	,	"	
rariation of the Cor	npass by Azimuth ⊙ observed at	"	0	,	"	
Vater expended dur	ing the preceding 24 hours,			335	gallons.	
Vater	during the preceding 24 hours,				u	
Vater remaining on	hand fit for use at Noon,		//	423	"	
Coal consumed durin	ng the preceding 24 hours,		ton:	4	Colbs.	
Coal remaining on h	and at Noon.		//3 "	16-	20 "	

. M.	6.00	00 10			,		
1	718 W	Shoy Ir	4	29.74 74 72 68	be	cir cu	u 5 -
2	"	,	4	29.76 75 7268	a	4	8
3	"	"	4	29.77 75 73 68	*	4	9
4	15	"	4	29.78 75-73 68	4	4	9
5	200	889n	4	29.83 73 73 68	4		8
6	2 Wby 2	*	4	29.84 72 7/66	u		8
7	2"00	^	4	29.85 70 70 65	4		8
8	SS 9r	"	4	29.88 75-70 65		4	8
9	"	"	4	29.92 77 69 64	4	4	9
0	"	"	4	29.94 76 69 64	u		8
1	,	,	4	29.95-76 68 64	4	44	8
lid.		,	4	29.96 76 68 64		-	8

, U. S. Navy, , 189/.

Mid lo-4am.	
Mid lo-4 am. Poss cast and cloudy. Deigling raine from & SE lo-21 ME. Baronseter falling.	. Sentle to fresh bruge
from 606 to 1116. Sarotreter falling.	Finder
4 6-8 am.	Lieut-U.S.M.
Jornear and cloudy driggling pain	- first how hours, light
for most pate breeze from North - for 191/18 Exed in fresh breeze from North - for 191/18 Exed in fresh breeze and go lbs - bread.	auted mooning orders
fresh beef and ve getables and 94 lbs-bread.	by region my/x con care
1 - 411 .	Questione 000
8 am to Meridge and pleasant - Sentle-la- it.	Il bresse handle. M.
facking to Trest- Rough harbor sea. Exercis	ed the first - boarders at-
volley firing with revolvers:	
fresh brefand vegetables and 94 lbs-bread. 8 am to Meridge and pleasant Lentle-to ste backing to Frest- Rough harbor sea. Exercis volley foring with revolvers: Merid to 4 pm. Clear and pleasant Moderate br Rough sea.	Jung Turky lingy
Media to Tom, blear and bleasant Madreals by	sens from 8 Why W
Rough sea.	
Hos pril. Clear and foleasant Moderate Rough harbor sea.	JAhrribur Du
4 lo 8 pm. bles and bles and Massache	- breeze from 8 x 9
Rough harbor sea.	orege fame som.
1 201-1	Jung The Lynan
8 pm to Mid.	Sixal Elica So. M.
Som to Mid. Som to Mid. Slear bright mon light more SSN. Mosepale Isra. Barolineter pie	sing.
	John July On
	· V15.16/19/1

LOG of the United States Steamer Essex", 3nd Rate, Maldonado, Uruguay.

					WIND,				BAROMI	ETER.	TEM	PERAT	URE.			nar 18.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M. 1				S87/4	889	2			29.93	70	67	63		le	cir cur	1.6	
2				" 1	4 1	2			29.90	75	66	62		*	4	8	
3				Douth-	Douth -	2			29.90	74	166	62	-	"	"	9	
4				0 "10-	4	2			29.90	74	467	62		le,	House	10	
5				D by I	4	2			29.90	172	267	60		be	ur	9	
6				20 20 W	*	1			29.99	70	68	63		*	4	9	
7				0 100	*	2			30.01	71	69	64	4	4	4	9	
8				Dby Ma	0"0.0	2			30.02	71	69	63	-	*	"	9	
9				Doy 6	20 91	2			30.04	470	70	66		4	cir cum	49	
10				0",0		2			30.04	170	70	66		4	4	9	
11		*		D by M.	4	2			30.05					4		9	
Noon.	-			8º 9r	4	2			30.04	1/2	71	66		4	4	9	

Course and distance	made good since preceding noon by observations,		knots.	t	enths,
	Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Obser	vations of ⊙	0	,	"
	(Latitude by		0	,	"
Position at 8 a. m.	Longitude by		0	,	"
Position at 8 P. M.	(Latitude by		0	,	"
Position at 8 P. M.	Latitude by Longitude by		0	,	"
Current during the t	time, knots tenths per hour, setting	g to the			
Variation of the Con	mpass by Amplitude 🔾 observed at Sunrise, ship's	head	0	,	"
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,		0	,	"
Variation of the Cor	npass by Azimuth ⊙ observed at "		0	,	"
Variation of the Cor	npass by Azimuth \odot observed at		0	,	"
	ing the preceding 24 hours,			370	gallons.
Water Dist	elled during the preceding 24 hours,			210	"
Water remaining on	hand fit for use at Noon,		12	260	u
Coal consumed during	ng the preceding 24 hours,		/ ton //2 "	36	O lbs.
Coal remaining on h	and at Noon,		1/2 "	100	30 "

. M.		0			1		
1	West-	West-	1	30.05 72 72 68	be	circu	u.J
2	South	South-	1	30.04 72 72 68		"	
3	000	256	1	30.04 72 72 68	4		8
4	886	256	1	30.03 72 72 68			8
5	2120	2308	1	30.02 73 72.68	4		8
6	676	£116	2	30.02 73 72 68	4		8
7	1116	1	2	30.02 73 69 66	4	4	8
8	210	-1'2	2	30.02 73 68 65	6	4	9
9	116	7/6	3	30.02 75 67 64	"	4	9
10	1116	1116	3	30.02 75 66 63		4	9
11	20 .0	North-	3	30.02 74 65-62			9
Mid.	North-	North-	3	30.02 736562	4	100	9

Mid lo-4 am. blear and pleasant; light-breege for	
Clear and pleasant; light-breege from	12 88 Wx South
	V. Ry Mary Full
4 lo 8 am. , , , , , , , , , ,	nyigge U.S. H.
11- 16 lear and poleasant. Light - preege for	light airs from
Dough - Spound swell. Ut 5 Mart Es gives for	distilling.
South - Spound swell. At 5 startes fires for gives for Blead and pleasant - Light breeze to gives for South & Merid and pleasant - Light breeze for the Merid and pleasant - Light breeze for the Merid and pleasant at rille for solo be started to the start to the solo be sold to the start to	and word of one
bless out blessend - Sight- breeze	8h Swall
Sea. Marine quard engaged at-rills fanget- beacti	and and dir
sea. Marine quard engaged at-pifls farget-predetice at revolver foractice, Commences distilling, di- chains and shifter sheet-chain to starboard lock	8.15, Oberhaules
chains and shifter sheet chain to starboard lock	Rec.
Meris to 4 form blear fines weather variable light sheet-chapin below. Been engaged in firing a target, took on toard and oshows. Distilling. W. Host form. Character believed the swinion engaged at sight practice. Exercised the sw Boarders at volly of	Fot soiling
Meris to 4 form , , , , , , , ,	ul-U.S.M.
folear fine weather, variable ligh	1- airs. Sent-
Sheet-chapy below. Observ engaged est firing a	I-small arm
larget, out on sound and oshovi. Destilling.	12 h. Gil
Har han	in Thearn the.
bles and blessand- light-riggs on	gra. D. M.
SSE and EME Trist - Division Engaged of nis	le Farset-
bractice. Exercised the zow Boarders at volley &	iring. Distilling
	All to from
8 pm to Mid.	Eut U.S. H.
8 fom to Mid. Distilling. Distilling. W. Jan	16 lo Horth -
Distilling.	macon Fill.
W. Huy	Interior July.
Val	11011/10

LOG of the United States Steamen Essex, 3rd Rate, Maldonado, Uruguay.

	_	_	-								4	-			100000	
			Reading		WIND.				BAROMETER.	TEMP	ERAT		State of	Forms of	Hear ths.	ie Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Ser
A. M.				MME	296	2			30.02 71	64	61		de	ai am	G	
2				"	4	2			30.00 69				4	4	a	
3				-,",,	7,4 ,1	2			29.99 69	63	61		4	4	9	
4				Morth.	Morth-	2			299969	63	61		ч	*	9	
5				•	*	3			299869	64	62	-	*	4	9	3
6				4	4	3			29.98 66	64	63		4	4	8	
7				4	4	3			29.9867	64	61		4	4	8	
8				9000	120	3			30.00 71	170	66		4	4	8	
9				My M.	11/11/11	3			30.01 74	473	68		a	4	9	
10				11091.	4	2			30.01 76	77	169	2	4	4	9	
11				4	4	2			30.00.78	80	72		4	4	9	
Noon.				4	4	2			29.99 79	82	74	6	4	-	9	
										1						

Course and distance	made good since preceding noon by observation	ns,	k	nots.		tenths.	
	Latitude by D. R.			0	,	"	
D N	Longitude by D. R.			0	,	"	
Position at Noon:	Latitude by observations of ⊙			0	,	"	
	Longitude by chronometer from Forenoon (Observations of ⊙		0	,	"	
	(Latitude by			0	,	"	
Position at 8 a. m.	Longitude by			0	,	"	
D. L	(Latitude by			0	,	"	
Position at 8 P. M.	Longitude by			0	,	,,	
Current during the	time, knots tenths per hour, s	etting to the					
Variation of the Con	mpass by Amplitude ⊙ observed at Sunrise, sl	ip's head		0	,	"	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,	"		0	,	"	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"		0	,	"	
Variation of the Cor	mpass by Azimuth o observed at	u		0	,	"	
Water expended dur	ring the preceding 24 hours,			3	48	gallons.	
Water Dist	illed during the preceding 24 hours,			14	488	"	
	hand fit for use at Noon,			2.	40	T "	
Coal consumed durin	ng the preceding 24 hours,		/	tons	17	60 lbs.	
Coal remaining on h	and at Noon,		110	"	13	5-10 "	
			110		1		

P. M.	- a	3 10					I
1	WN W	11.8 W	2	29.97 7880 75	de	circu	-6
2	"	4	2	29.95 78 79 76	4	4	6
3	"	4 "	2	29.91 78 79 75	4	4	4
4	014	Cast-	2	29.93 78 79 74	4	*	4
5	Worth-	"	2	29.91 78 78 74	4	"	4
6	"	2"21 \$	2	29.90 77 78 74	4	4	4
7	91919v	6/16	2	29.91 78 77 75	4	4	4
8	11 11 W.	"	2	29.91 78 77 75	4	4	5
9	21 1	4	2	29.90 80 76 73	4	4	8
10	Morth-	2121 4	3	29.9080 7470	4	4	8
11	,	11116	3	29.90 79 76 73	4	1	8
Mid.	"	Horth.	3	29.90 78 73 69		4	8

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Wid. at 8.20 went to general quarters for exercise with poroder. Had Jarger, fring six shots rach from each broadside and pille gun. Ul- 11. Spul- 3 in rifle in saliting launch and fixed six shots at 1000 uto, replaced 3 in rifls I with - 12 Van Borrister and find six shots at 500 yls. Expended in Ord. - 24, 10 la chargeo: 24. Sola cartridge bago: 6,36/2 & charges; 6. 30 1/2 & cartidge bago; 6. 5 A charges; 6. 5 & cartidge bago. 6. 12 og eparges; 6. 12 og cartridge bags; 6. 0.625 B charges; 6. 0626 Di cart ridge bags 24 1x in 5" shell. 6. 8 in short Butter shell. 6.60 Pdr shell; 3. 3 in shell; 3. 3 in shappinel; 2. 12 Ide shell. 4. 12 Ode she april, 2000 Pifts ball 45 cal cartidges and 1600 + provolver tall Merid to 4 pm. Sear and foleasant- Barome let falling Light bruge from Mr.S. Mr. last hour from East- Continued target facing with I small arms and galding gun.

4 to 8 fom. fair wrather, light-breeze from East and EME. The 2nd division returned from larget-practice. Sent-out sailing launch for Redge anchor and hought it back. Distilling. o. Fired two, boat- rarrier torpedors. W. Rom maken fills. I. Springer I. S. M. En maken fills. M. Burometer steady Light breeze from 6118 and 1116. Liter - Cl. S. H.

Examined and found to be correct.

Le. K. lem In Land Navigator.

LOG of the United States Steamen Essex", Rate, Maldonado, Uruguay.

	_	_									+						-
			Reading		WIND.				BAROME	TER.	TEMI	PERAT		State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Horth-	Morth-	4			29.89	77	72	69		le	cir cym	6	
2				*	" " C	4			29.88	76	7/	68		4	4	7	
3				40 % 0.0	11/16	4			29.87	70	70	68		*	4	17	
4				Mby M	60 1	3			29.89	73	70	68			cir cum	7	
5				11/11/11	Morth-	2			29.87	73	70	68		•		7	
6				91000	51918	2			29.86	74	470	68		4	u	8	133
7				M by My	11/16	3			29.87	74	70	68		4		8	
8				Morth On	2000	3	-		29.87	73	71	69		ч	4	9	
9				11 by 1/ 51	200 10	3			29.88	78	76	72		1 4	4	8	
10	1000	73.0		11 0 by 16	11 1 bef 12	3		-	29.88	80	80	75	4	bene	4	7	
11				May you	1 Mby M	3			29.87	80	81	74	-	, ,	4	7	
Noon.		-		W MI W	WHO W	3			2987	80	82	73		4	"	7	
1							-										

Course and distance	made good since preceding noon by observation	ns,	knots.	tenths.	
	(Latitude by D. R.		0,	,,	
	Longitude by D. R.		0 ,	"	
Position at Noon:	Latitude by observations of ⊙		0 ,	"	
	Longitude by chronometer from Forenoon C	Observations of ⊙	0 ,	"	
	(Latitude by		0,	"	
 Position at 8 a. m.	Longitude by		0 !	154	
	(Latitude by		0 ,	"	
Position at 8 P. M.	Longitude by		0 ,	"	
Current during the t	time, knots tenths per hour, so	etting to the			
Variation of the Cor	mpass by Amplitude o observed at Sunrise, sh	ip's head	0 /	"	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,	u	0 ,	"	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0 /	"	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0 /	"	
Water expended dur	ring the preceding 24 hours,		4	//U gallons.	
	UEd during the preceding 24 hours,			75- "	
	hand fit for use at Noon,		26	76- "	
Coal consumed durin	ng the preceding 24 hours,		tons	76" " 2200 lbs.	
Coal remaining on h	and at Noon,		109 "	1630 "	

P. M.	- 1 2	0.00			1		
1	2. by S	918 W	3	29.86 79 81 76	bene	cum.	6
2	m 21-	4	1	29.86 79 79 75			
3	& m	\$89r	1	29.86 78 78 75	4		4
4	000	00	1	29.85 78 78 74	acl-	cum reinel	. 0
5	DAY.	29/	5-	29.86 78 75 73	ocma		0
6	Douth-	South-	4-6	29.87 73 70 68	a		
7	*	4	4-6	29.89 74 68 66	oe.	rimb	0
8	4	4	4-6	29.95746966	ocd		0
9	0 0 2	91.8	5	29.98 74 68 65	a fo	*	0
10	S by E	& ly &	5	30.04 7467 64	0 h		0
11	"	888	6	30.06 72 64 62			0
Mid.		× 90 %	6	30,07 70 62 60	ocgr	и	0

, U. S. Navy, , 1891 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mill to 4 am, Clear and pleasant. Lintle and moverate bruger from North and MINO. Change weather, Morrate to gentle bruge from North-and Med Presh foreviews for use of organ from North-south of the Merid Bright and worren. Barone to stray Lintle bruge from Ma and N. Simished tought firing with smell arms. Maid to 4 pm. Sky closeling over Leute freing with smell arms. Maid to 4 pm.

Sky closeling over Leute freight freeze from M834 to Som. Observed Mandle Som in the Mill. Significant the south of Sweet U.S.M.

John S. W. and then presed to South & Breedett priving Light of Som to Mild. Overcast. Stiff to fresh bruge from South for the South of South Sou

LOG of the United States Stramer Essex , 3d Rate,

						_		_	-								
			Reading		WIND.				BAROME	ETER.	TEMP	PERAT		State of	Forms of	Hear other.	e Sea.
Hour.	Knots,	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths	State of the Se
A. M.				ShyE	888	6			30.06	69	63	60		de .	um rical	40	
2				223	4	6			30.06	x				0	cir.cu		
3				Sty Mr.	*	6		333	30.07	68	63	59		•	*	5	
4		1000		South-	*	6			30.10	67	62	58		4	4	2	
5				4	•	4-6			30.11	67	63	59		ke	4	1	
6				и	٤ .	4-6			30./3	63	-63	38		4	4	1	
7				4	4	4-6			30/6			/		*	4	1	
8				4	200	4-6			30.17	65	62	57		4	+	2	
9				. 0) \$	Day 6	4			30.19	66	63	57		4	circum.	tz. 6	
10	-			Dby 6	286	4			30.20	66	64	57		t	4	7	-
11				"		4			30.20	66	64	57	1000	4		7	
Noon.				4		4			30.22	66	64	57		4		8	
-							-		-								

Course and distance made good since pr	receding noon by observations,	knots. to	enths.
(Latitude by D. I	R.	0 ,	"
Longitude by D.			"
Position at Noon: Latitude by obse		0 ,	"
	ronometer from Forenoon Observations of ⊙	,	-11
(Latitude by		0 ,	"
Position at 8 a. m. Longitude by		0 /	"
(Latitude by		0 ,	"
Position at 8 P. M. Longitude by		0 ,	"
Current during the time, kn-	ots tenths per hour, setting to the		
Variation of the Compass by Amplitud	le ⊙ observed at Sunrise, ship's head	,	"
Variation of the Compass by Amplitud	le ⊙ observed at Sunset, "	0 /	"
Variation of the Compass by Azimuth	⊙ observed at "	0 ,	"
Variation of the Compass by Azimuth	⊙ observed at "	0 /	"
Water expended during the preceding 2	24 hours,	334	gallons.
Water during	g the preceding 24 hours,		"
Water remaining on hand fit for use at	Noon,	23 41	u
Coal consumed during the preceding 24	1 hours,	109 " //	oo lbs.
Coal remaining on hand at Noon,		109 " 11.	/y "

P. M.								
1	South-	Sby &	3-5-	30.24 67 6407	be	circum	9	
2		0,1	3-4	30.24 66 64 57	4		9	1
3	u	"	3-4	30.24 66 65 58	*	4	9	
4	4	386	3-4	30.25-7/65-58	4			
5	Sly W	86 by &	3-4	30.26 66 65 38	"		9	1
6	838	SE by 8	3	30.26 67 65-59	6	20112	10	1
7	S by Tr	38	3	30.26 70 65-58	. 4		10	1
8	"	"	3	30.28 7/ 05-57	4		10	
9	South-	"	3	30.28 72 65 59	4	4	9	1
10	386	"	3	30.29 73 6408		4	9	-
11	SElyE	883	3	30.27 7/64 58			6	-
Mid.	28	686	3	30.27 69 64 56	"		8	-
								1

, U. S. Navy, , 189/.

Mid to 4 am.		
D. Cloudy	. Fresh breeze from	on sea. Baronn ter pioning for sea. July Holman sient. I. S. M. omeler rising Mose pate more frequent-at- ends
King around the 12.	noon. Rough Shark	or sea . Just Har Holman
46-8 am.		Sient- 2. S.M.
1-1. I Sloudy,	and pleasant - Bar	ometer rising Moderate
of watch.	m \$36. mm - lulls	more frequent-al- end
J - On : =		Att. Mentor
8 am to Merid.	Olanda Maser	15 hour d. 8. M.
SSE. Rough harbor	- sta. al- 9.30 the Con	the bruge from Shy E. to udg. Office inspected the
Mus and ME crew	al quartor, (11 10 TEau	ME Waceler sor he Ville
		/ / / / / / / / / / / / / / / / / / / /
for use of the crew	117 1/2 lbr - back 117/2	Ms. or actables: 215 94 Min
for use of the craw	117 /2 the bref 117/2	Mo orgetables and 94 lbs - Jung Luldolman
		le muster. Received on boars No vegetables and 94 lbs - Gwap Luxdolman
		111
Merid to 4 pm. Clear.	and pleasant . Se	ulle to fresh breeze from
Merid to 4 pm. Clear.	and pleasant . Se	ulle to fresh breeze from
Merid to 4 pm. Clear.	and pleasant . Se	ulle to fresh breeze from
Merid to 4 pm. Clear.	and pleasant . Se	ulle to fresh breeze from
Merid to 4 pm. Clear.	and pleasant . Se	ulle to fresh breeze from
Merid to 4 pm. Clear.	and pleasant . Se	Lieut-21.8.M. Le-brege from & E. Givent-Mall. 8.M. Le-brege from & E. Girl-21.8.M. Lieut-21.8.M.
Merid to 4 pm. Clear.	and pleasant . Se	ulle to fresh breeze from

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.				888	6,86	3			30.28	08	62	16		be	circum	8	
2				671.6	6116	2			30.28	66	62	53	-	4		8	
3				Mrbyn	716	1			30.27	65	-61	57		4		8	
4	1			nmw	1116	2			30.27	63	61	5-7		•		9	
5	100			"	*	3			30.24	62	58	5.5	-	la	nons	10	
6				4	*	3			30.26	61	56	5-4	1	4		10	
7				*	4	3			30.27	61	5	54	4	*	*	10	
8				4	* /	2			30.29	63	59	56	•	*	*	10	
9				4	North-	2			30.3/	67	64	60			4	10	
10	136			•10	4	1			30.3/	67	66	61	1	•		10	
11				11 %	4	1			30.3/	67	68	62	130	4	4	10	
Noon.				4	•	1			30.30					4	4	10	
Noon.				4	•	1								4	4	1	

Course and distance	made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	0 , "
	Longitude by D. R.	0 , "
Position at Noon:	Latitude by observations of ⊙	0 , ,,
	Longitude by chronometer from Forenoon Observations of ⊙	o. , , , ,
	(Latitude by	0 , ,,
Position at 8 a. m.	Longitude by	0 ,- "
Position at 8 P. M.	(Latitude by	0 , ,,
Position at 8 P. M.	Longitude by	0 , "
Current during the	time, knots tenths per hour, setting to the	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0 , "
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 , "
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 , "
Water expended du	ring the preceding 24 hours,	398 gallons.
Water	during the preceding 24 hours,	
Water remaining or	hand fit for use at Noon,	1943 "
Coal consumed duri	ng the preceding 24 hours,	1943 " tons 400 lbs. 109 " 750 "
Coal remaining on l	nand at Noon,	109 " 750 "

P. M.	Shy Dr.	South-	2	30.30 70 70 63	Le	circum	P
2	86	686	2	30.29 70 69 63		4	
3	S6 by 6	"	2	30.29 70 69 63	4		
4	"	4	2	30.29 70 68 63	4		
5	,", 0	4	2	30.29 70 68 63	4		
6	Ely S	Coast-	2	3029 70 68 63	*	4	9
7	6 ast	116	2	30.29 7/ 68 64	. 4		9
8	616	*	3	30.30 7/ 65-61		4	
9	6116	*	3	30.29 7/64 61	le	none	10
10	6 by M	11/16	3	30.29 69 64-61			
11	6716		3	30.28 69 64 61		1000	
Mid.	,		4	3028 69 61 59			

, U. S. Navy, , 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid lo-4 am.	
Mid to 4 am. from & SE to -11 ME. bleasant: Lenth breege and	d light-airs shifting
from & SE to -1116.	1
	o. Theriener
4 to 8 a 211. [1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Ligut-U.S. M.
Somered hold laurches: Received for use of	energy 117/2 the week
bresh beef and vegetables and 94 lbs - bread.	oren my zor caere
Lowered both launcher: Received for use of fresh beef and vegetables and 94 lbs - bread. 8 am to Merid. Slean and pleasant Sight airs.	Jung Fely Holman
sam to mena.	dient- a. D. M.
Horsh. U-9,00 am. sent-battalion 125 men	and bruger; from
Horn de you am. sent ballacone he men	on shore for drell;
Charge to wait- trial by Court-Martial.) placed under soury,
marga to the form of contraction.	agussing ?
Merit to -4/02/1 -12	Consign I.S. M.
blear and foleasant- Light breeze for	on South to 686,
Merit lo-4/0M. Blear and foleasant-Light-briege for	Lized-I. S. H.
Ho Span. Blear and pleasant Light-breeze for ME. Painting copper and water line starboar Board of Surgey country cash in Paymanter	Sirul-U. D. M.
16. Printing colors and water ling, starboar	5 sids Sanhaly
Board of Survey counter cash in Paymaste.	Is Defot - as - pet pe
quirements of Circular # 48.	0 111
	Jun Flutohuan
& form to Mid of	Jeul-a. D. M.
	5 rate - lace to la one
1/8 1-1/18 Man 2002 at - 10.10	otzpak bruge from
8 frm to Mid. Clear and pleasant - Lentle to m 118 fr 11 118. Moon post at - 10.10	Sient- Siege from

Examined and found to be correct.

le. K. leurtn Zand: Navigator. LOG of the United States Stamor Essex , 3rd Rate, all-Maldonado, Uruguay.

	To the second				WIND.				BAROME	TER.	TEME	PERAT	URE.		Marie Co.	4.	ź
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.			Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.	13			MME	Mby &	2			30.28	66	39	57		de	cir cua	9	
2				Morth-	Morth -	2			30.29	66	59	58		4	4	9	
3				Mby 6	116	2			30.29					4	u	9	
4	-			7716	4	2			30.29	67	60	59		4	4	9	
5	150			Morth.	4	2			30.31					bene	cum	9	
6				4		1			30.32	66	62	60		4	4	9	32.0
7	100			10	-	1			30.33	66	62	60		4	4	9	
8				11 41.	4	1			30.34	66	63	61		bru	non	2 10	1300
9				* 0	3/4 / 3/	1			30.35	69	66	63		4	4	10	
10				16 by 11	16 by fl	/			30.36	69	69	66	-	*	4	10	13
11				116	116	3			30.36	70	70	63	`	de	cir cum	9	13
Noon.				11116	11116	3			30.35	71	72	66	-	4	4	9	-
										1						1	

nade good since preceding noon by observations,	knots.		tenths.
Latitude by D. R.		,	"
Longitude by D. R.	0	,	"
Latitude by observations of ⊙		,	"
Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
Latitude by		,	".
Longitude by	•	,	"
Latitude by	0	,	"
Longitude by	0	,	"
me, knots tenths per hour, setting to the			
pass by Amplitude ⊙ observed at Sunrise, ship's head	0	,	"
pass by Amplitude ⊙ observed at Sunset, "	0	,	"
pass by Azimuth ⊙ observed at "	0	,	"
pass by Azimuth ⊙ observed at "	0	,	"
ng the preceding 24 hours,	J	34	gallons.
during the preceding 24 hours,			u
and fit for use at Noon,	/	609	7 4
g the preceding 24 hours,			
nd at Noon,	108 "	18	90 "
	Latitude by D. R. Longitude by D. R. Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙ Latitude by Longitude by Longitude by Longitude by ne, knots tenths per hour, setting to the pass by Amplitude ⊙ observed at Sunrise, ship's head pass by Amplitude ⊙ observed at Sunset, " pass by Azimuth ⊙ observed at " pass b	Latitude by D. R. Longitude by D. R. Longitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙ Latitude by Longitude oobserved at Sunrise, ship's head pass by Amplitude oobserved at Sunrise, ship's head pass by Amplitude oobserved at Sunset, pass by Azimuth oobserved at upass by Azimuth	Latitude by D. R. Longitude by D. R. Latitude by observations of ⊙ Latitude by chronometer from Forenoon Observations of ⊙ Latitude by Latitude by Longitude by Lo

P.M.					0			
1	Morth-	1/6	3	30.33 73 74 67	be	cum	6	
2	116	6716	4	30.32 74 75 70	+	4	6	
3	6716		5.	30.31 74 74 70	"	4	6	
4	•	4	4	303074 73 69	+	a	9	
5	4	4	4	30.29 74 72 68		"	9	
6	50 \$ 0 \$	400	4	30.29 74 72 67	*	•	9	
7	116 by 8	MEby E	4	30.30 74 68 65	4	"	9	4
8	2011	41418	4	30.30 74 67 64	4		9	4
9	M by &	11/16	/	30.33 74 66 63	*	4	9	-
10	71716	,	/	30.33 74 65 62	4	4	9	4
11	11/16	1	/	30.33 73 63 61	M	4	9	3
Mid.	"		/	3033 71 62 60	*	4	9	
								100

, U. S. Navy, , 1891 .

Mid to 4 amin
Clear and pleasant, light-breeze from Mby & b- 16
Mid to 4 am blear and pleasant, light-breeze from Mby & to ME Will My thousand tails. 4 to 8 am. Cusign U.S.M. Chear and pleasant. Light-breeze to light-airs from ME. Ut-745 loosed sail to dry. Painting copporer and water line starbous side. Jung Lutylyngun.
4 to 8 am,
Olear and pleasant Light - breeze to light - airs from ME.
lide loosed sail to dry . Varisting coposon and water line starbours
9 Audi
8 am So Merid.
blear and pleasant. Misty along horizon Juit-part-Light-
8 am So Merid. Slear and pleasant. Misty along horizon fort-part-List- airs to gentle breeze from 16 to 11/6. at-9.30 inspected at quarters and hat bivisional exercises:
and halt divisional Exercises:
Mistarilus
Mered to 4/0M2 11- 11-1- +11 1 Sient-U.S. M.
Meris do Hom. Seal or weather gentle to stiff breeze from Mans EME Jurled sail at 100 o'clock and scraped spard. Listed ship to starbors and scrubbed the coppler on port-side. H. Roy Mason fulls. 4 to 8 form. Cresigned S.M. Cresigned S.M.
and scrubbed the colology on book site
W. Ron Mason Juls.
4 to 8 pm. Lear and pleasant - Mos spale beege from EME and MEby E.
Clear and poleasant- Mosepale breeze from EME and MEby &.
8 fom to Mid.
8 frm to Mid
blear wrather, light airs from MGG. ht Gil
Ensigned. S. N.
ponoig niu. v. M.

LOG of the United States Stramer Essex , 3rd Rate,

							0		/		-						
			Reading of	COURSES STEERED	WIND.				BAROME		-			State of the Weather,	Forms of	Clear 10ths.	the Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Horth-	11/16	1			30.3/	7/	63	62		bro.	Nous	10	
2					116	1			30.30	70	64	63		4	4	16	
3				4		2			30.28	69	64	63		4	4	10	
4	-			4	*	2			30.27	68	63	-63		4	- 4	10	33
5					4	2		-	30.28	68	65	63		ben	cum	9	
6				*/ 0 2	4	1			30.27	67	65	63		4	cir	9	
7				11 by 6		/			30.27	/	1			de	4	1	-
8				2/ 1/1/2	91912	/			30.27			1		- 4	4	3	
9				1110	11/16	3			30.28	1	/	1		4	cer Eun	6	
10				110	1160	3			30.26		1	1		u	4	6	-
11				Cast	Coy D	3			30.25	/	/	1			um Hain	15	
Noon.					XXXI-	3.			30.20	72	72	69		*		4	
						-	-	-								3400	

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 , "
Position at Noon:	0 ', "
Position at Noon: Latitude by observations of ⊙	0 / //
Longitude by chronometer from Forenoon Observations	of o "
(Latitude by	0 , "
Position at 8 a. m. Longitude by	0 , "
(Latitude by	· , •,
Position at 8 P. M. Longitude by	0 , ,,
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 , "
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 , ,,
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Variation of the Compass by Azimuth ⊙ observed at "	o , ,,
Water expended during the preceding 24 hours,	339 gallons.
Water during the preceding 24 hours,	/ "
Water remaining on hand fit for use at Noon,	1270 "
Coal consumed during the preceding 24 hours,	tons 400 lbs.
Coal remaining on hand at Noon,	108 "1490 "

P. M.	East-	9,			0	
1	Qast -	Cast-	4	30.2/ 72 72 69		cir aind 2
2	E by M	E by M	4	30.20 73 7/ 68		. 5
3	04	"	4	30.17 73 72 69	u	cir cum 6
4	4	,	4	30.16 74 73 70		" 7
5	ME by E	0 1	4	30.14 74 73 70	4	4 8
6	16 by 6	67/6	4	30.14 73 72 69	4	4 9
7	118	NE	4	30.13 75-70 67		200nz 10
8	2.01		4	30.13 75-69 67		4 10
9	ME by M	ME by M	4	30.13 75-68 67		cir cum 9
10		MG by N	4	30.14 74 67 66	4	4 9
11	1	"	4	30.13 74 66 65	*	4 9
Mid.	116	NE	3	30.13 72 66 65		4 9

Mid to 4 am.	
Mid to 4 am. Clear and pleasant: Barone airs and light-breeze from MME and ME.	Les steady Light
airs and light-breege from MME and ME.	P
	Sicul-21. S.M.
4 to 8 am.	Sicul-21.8.11.
Clear first-fourt - cloudy latter fourt - Heavy	dew first - part -
Light-breeze to I light- airs - from ME. Baronneter for flesh beef, 117/2 lost orgetables and 94 lbo bread in	Sling Nec'd 117/2 lo
fresh beef, 11/2 los orgetables and 94 lbo bread in	ay Defot - Scrubber
hammocks; painted coppor, port-sise.	
,	Sicul 21. S.M.
Jain and plannet malli have be	VIEW -6. 8.1.
Paint to Merid. Paint to copper and while stripe on port side. Mus and exercised at fire quarters: 1st stream 1" 46 sec. 22 325 stream 2" 14/sec. 4" stream 2" Called all hands aroay in 8 m 30 sec.	Let I al- question
and Exercised at- line ourstens - 1st sprome 1 m 4/ sec 22	or late of grace
325 storan 2m /4/sec. H - storane 2.45: Called all lands	· abouton skite ill
aroay in 8 m 30 sic.	1 01.
M. Ray	Mason Fuld.
Merid to 4 pm	Ensign U.S. N.
Merid do 4 pm. Bright- and poleasant. Barometer for for fresh breeze from East- and & by M.	lling . Mose pale
so fresh breeze from bast and byll.	7
	izet. I.S. M.
4-6-8 pm. 1 1 911	18ul. U.D. II.
Mr Clear and pleasant - Moderali breeze from	6 by 1 to 116
Mare preparations for sea.	2 has the
8 bon d Mid	1 8 m
blen and pleasand - Ber ander sten	de Moss rate hesse
Ho-8 pm. blear and pleasant- Moderals breeze from Mase preparations for sea. Non to Mid. Som to Mid. Slear and pleasand- Barons be stead from 16 and 16 by M.	t was a sugar
	17. Mewlow
	Lient-U.S.M.

Examined and found to be correct.

LOG of the United States Stramer Essex ,3rd Rate, Making passage from Maldonado lo Montevideo, Unuquay

					0 0									-		-	0
			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of		lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.					610									,			
1				16 hyll	16	3			30.13	70	65	64		bc.	ci cun	47	
2				11116	,	3			30.11	70	65	-64		4	4	5	
3				Mby 6	4	3			30.09	70	65	64			4	4	
4			* .	North-	MAE	2			30.08	70	60	64		"	4	5	
5					"	3			30.09	/		,		•	*	3	
6				*	M by 6	3			30.08	69	67	66		4		3	
7					North-	4			30.08					u	cir cum	1	
8			3.3	Mby &	,	3			30.08	/		1		4	4	1	
9			12.5	0 " 11.	n. West-	1			30.08			69			"	4	
- 10			20.0	*		3			30.09		/	70		+		1	
17	160		28. /4		,	3			30.08			/		,	4	4	
Noon	4	2/	36.6	Dr 1/2 8	"	3			30.06			/		*		5	

Course and distance	e made good since preceding noon by observation	ons,	knots.	tenths.	
	(Latitude by D. R.	,	0	, ,,	
	Longitude by D. R.		0	, ,,	
Position at Noon:	Latitude by observations of ⊙		0	, ,,	
	Longitude by chronometer from Forenoon	Observations of ⊙	0	, ,,	
Deities 4.0	(Latitude by		0	, ,,	
Position at 8 a. m.	(Longitude by		0	, ,,	
Position at 8 P. M.	(Latitude by		0	, ,,	
Position at 8 P. M.	Latitude by Longitude by		•	, ,,	
Current during the	time, knots tenths per hour,	setting to the			
Variation of the Co	ompass by Amplitude o observed at Sunrise, sl	hip's head	0	, ,,	
Variation of the Co	ompass by Amplitude O observed at Sunset,	"	0	, ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0	, ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0	, ,,	
Water expended du	ring the preceding 24 hours,		3.	80 gallons.	
Water Dista	illed during the preceding 24 hours,			4/5- "	
Water remaining on	n hand fit for use at Noon,			305 "	
Coal consumed duri	ing the preceding 24 hours,		3 tons	6/5° lbs.	
Coal remaining on l	hand at Noon,		106 "	875. "	
				/	

P. M.									
1	45.	Trest-	Wh m	2	30.06 77 78 75	be	cir pure	5	
2		9/2/1	Was m	2	30.04 77 80 76			4	
3	60.1	1120 by h 3/4 m.	28	1	30.01 77 79 77	4		4	
4		26	4	2	29.99 78 79 77		*	6	1
5		"	"	1	29.99 79 80 76		-	7	23/2
6		SE by &	"	/	29.99 78 78 76		circum	7	
7		86	"	/	29.9881 78 75		4	8	
8		ME by M	nnor	1	29.98 81 78 75			8	
9		nngr	118	1	29.98 82 78 76	6	non E.	10	
10		Mby &	"	1	29.99 82 77 74	bro-		10	
11		,	"	1	29.99 82 76 72	"		10	
Mid.		116	4	3	29.99 81 74 71		,	10	
									1

Examined and found to be correct,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 am. Partially cloudy. Dentle and light - heges from ME and MME. At-3.00 started finds in all the boilers. Questione Lalled all hands and unmoved ship preparatory to getting unsurvay Sol-waterway at 7.00 ant at 7.30 took departure Balina Ol. 9. 1891. 1/21. Cathedral 116 146 Course Wby S. Ot 1.30 pout over pat- log peasing Sam to Merid. R. Post - (S. appel) Not ansvoring call for Division, aft - 16'5" W. Ky Mason Freld. 3 anchor watches; G.M. Carver (D. Bugher) Not aft to blow Enolign U.S. M. call - one months quarantine; D. Varker (Ldo) Jaking elet steady Light jairs the officer of the decko coffee, where sent up to the galley Ed al quarters. Took in to be Kefet warm. - one mid watch: a. Vir at Ry (8. apple) anged course to 11/28 J. Jucker of Bath - Maine Inaltention on drill - there afternoon watches on out She asket us to report quarter deck (on his first) , Deorge Mc Leachy (In R. St.) following pounish meats * Smuggling liquor on board ship - four mid watches: Partially cloudy Light airs and breezes from MIN, 189 and So. Steaming under three boilers: at-108 hanged course to M/all. pat-log 46.2; stoffer stranging at -2.15 on account of low water in boilers; went ahead at-2.24 pattlog st. 8 course Il Wby Myth. Called all hands bring ship to anchor at - 3.00 pm. Made our number 44. to Sallaforosa and 206 her no. Made signal Inting 1211 and let gg foot anchor at-3.45; veres to go for and let-go sits. Began heaving in at anchor age (Mag) El Leino MM. Landing 616/26 Asylum 16/28. Ensign U.S. N. 46-8 pm. Tright - and warm Burometer straty Sight airs from Sita Cit. Moored with - 45 frus on Each chaire, fout on swiggl. Rater B. Bailey (Ldo-) assteerage cook from Fibraro 91. An officer from the Beagilian conette andhybar scame on board to make he usual offer of civilities Draught for's 12.10" amid 14'7" aft-16'5".

Spon Lot Mid. lid. Sear and pleasant: Light-airs-from ME. Distillis Quisione Crisign d. S.M.

			Reading		WIND.				BAROME	ETER.	TEME	PERAT	TURE.				Sea.
Hour,	Knote.	Tentha,	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce,	Hoel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				71716	MME	3			29.99	78	72	69		de.	cir can	a	
2				11 by 6	Mby 6	3			29.98	76	71	70		4	"	9	
3				MME.	Horth-	3			29.98	75	70	70		4		9	
4				11 by 6		3			29.98	74	70	70	1	+,	4	9	
5				Morth -	60600	3			29.98	74	70	70		b.	none	1	
6				Mby W	MMM	3			29.98	73	69	70		ke	cir cum	8	
7				'u	*	3			29.99	71	69	70		4	4	9	
8,				71000	*	3			30.00	72	71	71		4	9	9	133
9				111/1/2	0 00-	2			30.01	78	76	74	4	и	4	8	
10				11/1 by 11	1100 11	1			30.02	77	78	76		"	4	9	
11				11 84 11	46	1			30.02	76	77	76		bene	circum	7	- 3-3
Noon.		03		п		1			30.01	77	78	73		ke	4	6	

Course and distance	made good since preceding noon by observations,	knots.	t	tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ⊙	0	,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
Position at 8 a. m.	(Latitude by	•	,	"
rosition at 8 a.m.	(Longitude by	0	,	"
Position at 8 P. M.	Latitude by	0		"
rosition at 8 r. M.	(Longitude by	۰	,	"
Current during the	time, knots tenths per hour, setting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0	,	"
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	•	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at "	0	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at "	0	,	"
	ring the preceding 24 hours,	3	75-	gallons.
Water Dioli	Usd during the preceding 24 hours,	1	1290	<i>"</i> "
Water remaining on	hand fit for use at Noon,	2	220	"
Coal consumed duri	ng the preceding 24 hours,	3 ton	18 30 T	7 lbs.
Coal remaining on h	hand at Noon,	102 "	54	45- "

P. M.		_			1		
1	8 Ir by Ir	West-	1	30.00 79 79 73	be	cam. oh	6
2	≥6/6	28 W	1	30.00 79 80 75		4	8
3	"	4	1	29.99 80 81 76	4	4	8
4		"	1	29.99 80 80 76		4	8
5	8,8	86	1	29.98 80 80 76		-	
6	4	4	1	29.98 79 79 75			8
7	Cast-		2	29.98 82 78 74	6	ie	8
8	no A a	"	2	29.99 82 76 74	*		8
9	Style	East-	3	29.98 80 73 72		cirnimb	4
10	686	656	3	29.98 79 73 71	beam	4	3
11		Gast-	3	29.98 73 72 71		cir cum	
Mid.		"	2	29.98 76 72 71	ae	nimb	0
				11/1/1			

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 and bleasant. Lenthe brigge Distilling. Ho 8 am. Clear and pleasant. Barometer steady. Sam to Merid. Sam to Merid. Olear and pleasant. Light-airs and pleasant. Light-airs and My Mr. At-9.30 went to Leneral quarkers. Linner	
Clear and pleasant. Sentle brige	from MME to North -
Distilling.	Gina Hinhold
46-8 am.	Sient fl. S. M.
Clear and pleasant. Barometer steady.	Levelle briege from MIN.
Crecuted in Vay 2501. 11/12 for from oreg; 11/12 por	M. Huyton
5 am to Merid.	Jul-21. 9. 9.
11. W. Ut- 9.30 went to - Seneral quarkers finer	of casting loove as
follows: 1 2 Div 2. 10: 2" Des 2. 14; 3" Div 1. 45: Mav. D	er 2.30 . Prover Dir 3.26;
Marine Quart 1.30. Pay Defot-1.54 magazine and gun collon locker. floor cocks; a	
them to be in good order Made moutine signal	5-al-9.45 Dent-an
Hans Brazilian corvelle "Pamakyba".	nglish gundo at topamble
211	(Missione
Mend to 4 join. Clear and pleasant - Light-air	home Irbo & W. The
Monis to 4 pm. Clear and pleasant - Light-air of Commanting Officer pais a visit- to the Brazil Sent-a liberty party ashore. Engaged in pla H to 8 pm.	gan corvell & Parnahyla
Dent a liberty party ashore. Engaged in pla	Jung Hup Distilling
4 fo 8 pm.	Jeget - U. S. H.
Engaged in blacking ships site Distilling	is pregeo from DO.
	Quisione, 8 %
8 pm to Med. Clouding over Jany. Sentle- to- light	I- break from Gast
to-686. Distilling.	Q Supple
Engaged in blacking ships side Distilling 8 pm to Mid. blouding over lagy. Sentle-to-light to-686. Distilling.	Jung our almon

Examined and found to be correct.

L. V. lunsi Zanit - Navigator. LOG of the United States Steamer Essex ", 3rd Rate, Montepideo, Uniquay.

					WIND.												4
1193			Reading	COURSES STEERED	WIND.				BAROME	ETER.	TEMI			State of	Forms of	Clear Oths.	ne Se
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				686	686	3			29.96	77	7/	70		oel	cum str	- 0	
2				"	4	3			29.96	76	7/	70		be	4	4	
3				"	*	3			29.93	76	70	69		4	4	4	
4				0 0 0	4	3			29.98	76	70	69		4	4	5-	
5				36 by 8	4	/-3			29.97	74	7/	70		bel	cum mind	1	
6				886	86	3			29.99	774	47/	70		ae	4	1	
7				Gast-	4	3		,	29.99	73	7/	69		oc	4	0	
8				6 by 8	4	3			29.99	73	71	70		be	4	2	13
9				686	686	3			29.90	72	7/	70		at	umb	0	13
10				Clay II	4	3			29.98	74	171	70		4	um nim	20	
11				386	4	3		-	29.99	74	12	70				0	1
Noon.				Ebyll	4	3			29.98	74	72	70		*	*	0	
				0								/					

Course and distance	made good since preceding noon by observation	ns,	knots.		tenths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		•	,	"
	Longitude by chronometer from Forenoon (Observations of ⊙	0	,	"
	(Latitude by			,	"
Position at 8 a. m.	Longitude by		0	,	"
	(Latitude by			,	"
Position at 8 P. M.	Longitude by			,	"
Current during the	time, knots tenths per hour, s	etting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, sl	ip's head	•	,	"
	mpass by Amplitude ⊙ observed at Sunset,	"		,	"
	mpass by Azimuth ⊙ observed at	"		,	"
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0	,	"
Water expended dur	ring the preceding 24 hours,			369	gallons.
Water	during the preceding 24 hours,			869	gallons.
Water remaining on	hand fit for use at Noon,				?0 "
	ng the preceding 24 hours,		tons	2	// 0 lbs.
Coal remaining on h			101 "		

M. 1	Stoyle	686	3	29.97 75 72 69	oc.	cir rindo
2		4	3	29.97 75 72 70	ke	4 3
3	\$6	"	J	29.95 75 72 69		4 3
4	*	,"	3	29.95-75-72.69	ac	4 0
5		676	4	29.94 74 72 70	be	
6	Est-	676	4	29.95-75-72-70	ac	cum sho
7	Gast-	"	3	29.96 77 72 70	be	, 8
8	5010	"	2	29.96 78 73 71	"	" 9
9	11 by 6		2	29.95777371	4	+ 9
0	My E		2	29.94 77 73 72	4	" 8
1	Mo by 6	*	2	29.9377 7271	*	cum 9
lid.	Gast-	"	2	29.90 76 7/ 70	4	" 9

, U. S. Navy, , 18 9/.

Mid 6-4am.	
Mid to 4 am. Partly cloudy but pleasant. Lintle brieg Stoppes distiller at 2.30 and haules fires:	c pom 686.
Stopped distiller at 2.30 and hauled fires: H to 8 am. Cloudy. Light airs to gentle bruges from Executed morning orders: Tallapoorsa made pour 8 am to Merid: Sam to Merid: Lintle bruge from 686. Merid to 4 pm. Este Coming Officer of the Bengining Juntoal of the Bengining of the Benginian guntoal of the Benginian guntoal of the Special and of the Benginian guntoal of the Special original original of the Special of the Special of the Special original orig	
	Myrieur
4 to 8 am.	d-U.S. M.
Cloudy. Light-aus- fo gentle brieges- fro	me 626 and 86
Coxecuter mortung orders: Tallaspoosa made poud	Organalo-al-7.00
c 1-1/- 7//- 1	Side won
8 am to Meda.	ensign a.s. M.
Links been love 686	The in the clouds
Louis verge game De .	Tun Lill Johnan
Monis to 4/0m	w-71.8. W.
Linexally closedy and the abiling Len	Me breeze from
6.86. Comog. Officer of that Beagilian gunboat !	Paranahofba"
paid an official visil- to this ship.	
4h-8 form. Blearing. Moderate to gentle-huge	the riener
4 to 8 form of	12gel-21. S. H.
8710 Clearing Moderate to gentle briege	from Gast to
616.	Q 4111/1
	Jango Hay raman
8 pm vo mis	1 m. w. 11.
8 pm to Mis. Prasant-weather Light-heege from	THE robbuse
	Sixut-U.S. 71.
	/

		-								-	1		-			-	
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	V.	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				East-	6118	2			29.88	76	71	70		be	cir zimb	57	
2				2 310	*	2			29.87	76	71	70		*	4	5-	
3				6/16		2			29.86	76	7/	70		4	4	6	
4				East-	"	2			29.86	76	71	70		Ł	cir.cum	8	
5				~ ~	-11	2			19.87	73	7/	70		bel	4	8	
6				26	116	1			29.88	7/	71	70		belm	4	8	
7				686	4	1			29.89	7/	7/	70		bem	4	3	
8				256	*	2			29.90	7/	71	70		acm	4	0	
9				North -	Calm	0			29.90	72	71	70		oc		0	
10				-		1			29.89	73	72	71		be	4	4	
11				"		1			29.88	75	74	73		4	4	2	
Noon.				W891.	686	2			29.88	-	74	/		4	4	4	
									/	/	/ '	/					

Course and distance	e made good since preceding noon by observations,	knots, tenths.	
	Latitude by D. R.	0 , ,	
Desir - AV	Longitude by D. R.	0 , ,	4.
Position at Noon:	Latitude by observations of ⊙	0 / //	
	Longitude by chronometer from Forenoon Observations of ⊙	0 , ,	
T. 11	(Latitude by	0 / //	
Variation of the Cor Variation of the Cor Variation of the Cor	Longitude by	, ,,	
Position at 9 D M	(Latitude by	0 / //	
rosmon at 8 r. M.	Longitude by	0 / //	
Current during the	time, knots tenths per hour, setting to the		
Variation of the Co	ompass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0 , ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 / "	
Variation of the Co	mpass by Azimuth \odot observed at "	0 / //	
Water expended dur	ring the preceding 24 hours,	36/ gallons.	
Water	during the preceding 24 hours,	"	
Water remaining on	hand fit for use at Noon,	2359 "	
Coal consumed duri	ing the preceding 24 hours,	2359 " tons 400 lbs. 101 " 276" "	
Coal remaining on l	hand at Noon,	101 " 276" "	

P. M.	222	g			0		
1	2591	600	2	29.87 74 74 72	ke	circu	ult
2	& W by &	\$6	2	29.86 75-74-72		4	4
3	Sly y	4	2	29.86 75-74 73	4	4	4
4	Douth -	"	2	29.84 76 75 73	a	4	4
5	\$ Coly &	000	2	29.86 76 76 74	4	4	6
6	626	626	2	29.86 76 76 74	4	cum sh	-4
7	≈6 ly ×	Cast-	2	29.85 79 76 73	4	4	3
8	86 ly 6	118	2	29.85 78 79 74	4	*	4
9	686	"	2	29.85 78 78 72	4	4	6
10	"	4	2	29.86 78 75 71	4	9	8
11	116	4	2	29.87 77 7 7/		4	9
Mid.	,	4	2	2985-7-74 7	*	4	9

, U. S. Navy,

Mid to 4 am. 4	1
Mid to - 4 am. fair and pleasant, light-breeze	hom Elle a
and generally, page vierge	W.P. most fill
8 am to Meris. Senepally cloudy but pleasant bar from 11 6 and 6 86. Alt q.30 inspected at - q	9/280
Tro 8 am. 1 - 1- 1. 1. 1 -	onsignya. D. h
1718 1 The Cloudy and musty dight breeze to	ight and from
616 10 16 Reed for use of crew 117/2 loo Each	fresh brifans vegetable
ans 94 lbo- head!	
	Jung Tun Volman
8 arm to Meris	2/1-9/8
- and be solly but ble souls by	1
1 Seriepany wowy pur preasant. Whi	nu aus leghs - airs-
from 11 6 and 6 D.C. Mr 9.30 ensys Eci Es as 9	warter.
	J.M. Wilner
Merit to 4/2m.	Juil- 4. S. M.
Fair Sing weather 686 and 86	. 1. 0 6 0.
	W. Kn INTan Fall
41-81-1	2/80/
1 1 - 1 - 1 - 1 S	2 1 1 - 8 II. W.M.
Merit to 4/2m. Fair fine weather ESE and SE 4 to 8/2m Pom Jonesy Sight-breeze from Ex	0 6 Mr 8 10.
	J. Amorron
8 form to Mid,	Xjeut-U.D.M.
Clear weather light-breeze from the	61110
	M. Ku masurafuld
8 fom to Mid, Walker, light-breeze from M	641100 1/891
	wigh a. S.M.

LOG of the United States Spanner Exist."

Al- Monlepider, Uruguay)

								-							A STATE OF THE PARTY OF THE PAR
			Reading		WIND.				BAROMETER.	TEMP		State of	Forms of	lear ths.	ie Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb. Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				11 by W	Horth -	2			29.87 76	74	72	be	cum di	-6	
2				"	*	2			29.8/ 76	73	7/	9	4	9	
3			3.00	11 by 6	4	2			29.84 70	72	70	æ	4	9	
4				Morth-		2			29.87 70	72	70	4	2	9	
5				11/16	4	3			29.84 73	-71	70	4	cis.cum	9	
6				Gast-	4	3			29.89 72	-71	70	4	4	9	
7				686	*	3			29.90 7	71	70	4	,	9	
8				86	9	3			29.91 74	472	71	4	*	9	
9				Gast-	Mert-	3			29.92 76	70	73	4	4	9	
10				1116	0'1 2	3			29.93 76	76	73	4	4	8	
11				M by 6 /46	Why &	2			29.95 76	75	74	*	4	8	
Noon.				Mby 6	South -	2			29.95 76	75-	74	te	4	8	

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 ,	"
Longitude by D. R.	٠,	"
Position at Noon: Latitude by observations of ⊙	٠,	"
Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
(Latitude by	0 ,	"
Position at 8 a. m. (Longitude by	٠,	"
Position at 8 P. M. Latitude by	٠,	"
Longitude by	٠,	"
Current during the time, knots tenths per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 ,	"
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 /	"
Variation of the Compass by Azimuth ⊙ observed at "	۰ ,	"
Variation of the Compass by Azimuth ⊙ observed at "	0 /	"
Water expended during the preceding 24 hours,	3	33 gallons.
Water during the preceding 24 hours,		"
Water remaining on hand fit for use at Noon,	202	
Coal consumed during the preceding 24 hours,	tons 4	400 lbs.
Coal remaining on hand at Noon,	100 " ~	2/15-"

P. M.							
1	North-	889r	1	29.96 75-76	be	cir. di	-8
2	1119	116	2	29.96 75-77	+	cir.cum	
3	4-10	58	3	29.95 76 77	4	*	9
4	616	4	3	29.95-75-77	4		9
5	26 by &	3648	2	29.96 77 77			9
6	"	"	3	29.96 77 76	ч	4	9
7	0 %	686	3	29.96 77 77	4		8
8	26	East-	4	2996 77 75	4	4	6
9	Eby 8	"	2	29.977774			7
10	676	4	3	29.99 77 73	4	4	8
11	NE	4	2	29.99 77 72	4	4	8
Mid.	"	4	2	29.98 76 72	4	*	7
							1

l - to 4 and	
Light-breege from Hork.	cometer strasu.
Light-breege from Hork.	Lung
4 to Fam. Clear and pleasant? Sentle-briege 117/2 lbo- fresh boef , 117/2 lbo-orgetables and p	p 11. Myline
bless and ble asant - Sentle-bress	home Mode Bid
117/2 lo fresh beef , 117/2 llo- orgetables and y	4 lb. breas in Pay
Dept-1	
8 am to Merio. Blear and poleanant. Senthe breeze. Made poutine signals: Mustered and ino foods	S: 19/8011
Clear and poleanant. Sentle breeze	from Heat to South.
Made poutine signals: Mustered and inofost	led at quarter - and
2 der cisro al - Sivisional Spills: Mornier: M. Comer	ay (6x6), 6. Convardo Ol
O. Dougherry (vol.) & M. Morrigens (2007.	Mr. Pon hasen tuid.
De Dougherty (Pol.) & M. Rospigena (280). Meris for 4 forms	Emsign 21. 8. 21.
Merid for 4 form. Bright and pleasant. Barometer. to gentle breeze and variable in direction & Eds 24 hours overline. P. Dougherly (Pot), returned P. Hand (WI) absent-without-leave.	steady. Mint light-airs-
to gentle breeze and variable in direction . 6. Ods	oundo- Other returned
P. Thank (WI) about - with out - heave	20 nows over time.
# lo 8 pm. blear and line gentle breeze from ESE. Piped down south and wash clother.	p J. Thewan
4 lo 8 pm.	Se
686. Piped down sout and wash clother.	1 DI Dy Dand
	r. Ky h day till.
8 fom to Midg fear and poleasant. Barometer gentle-breeze from bast.	Onsignation.
agnille bresse from Gail-	Meady . Light to
	Lieut-U.S. M.
	Lieut-U.S.M.

LOG of the United States Steamer Essex ,3rd Rate, Monteplideo, Uruguay.

							-		1	_							
			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Morth-	116	3			29.98	75	- 72	7/		bro	none	10	
2				1116	"	3			29.97	70	-71	70		4	4	10	389
3				"	*	3			29.97	14	12	70		"	9	10	
4				4	*	3			29.97	74	72	70		4		10	
5					4	3			29.96	74	70	69		be	cir cun	9	
6				4	1116	3			29.97	74	170	69			"	9	
7				N by 6	4	3			29.98	74	71	69		*	R	9	- 3 13
8				686	Morth -	4			29.98	75	73	70			4	9	
9				6 by M	4	4			30.02	77	77	73		4	strat.	9	133
10				16 by 6	4	3			30.02	18	78	73		*	и	9	
11				May &		3			30.02	80	80	74		4	a	9	
Noon.				May W.	Mby M.	3			30.02					4	4	9	
																1	

Course and distance	made good since preceding noon by observation	ns,	knots.	tenths.	
	(Latitude by D. R.		0 ,	"	
	Longitude by D. R.		0 ,	,,	
Position at Noon:	Latitude by observations of ⊙		0 ,	"	
	Longitude by chronometer from Forenoon C	Observations of ⊙	0 /	_ "	
	(Latitude by		0 ,	"	
Position at 8 a. m.	Longitude by		0 ,	"	
	(Latitude by		0 ,	"	
Position at 8 P. M.	Latitude by Longitude by		0 ,	,,	
Current during the	time, knots tenths per hour, s	etting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, sh	ip's head	0 ,	"	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset,	"	0 ,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at	u	0 /	"	
Variation of the Con	mpass by Azimuth o observed at	u	0 ,	"	
Water expended dur	ring the preceding 24 hours,		32	gallons.	
Water	during the preceding 24 hours,				
Water remaining on	hand fit for use at Noon,		169	77 "	
Coal consumed duri	ng the preceding 24 hours,		tons	400 lbs.	
Coal remaining on l	hand at Noon,		tons 100 "	17/5-"	

P. M.	M by M	Mby Dr	2	30 01 81 814 71	1	circum strat: 8
1 2	li py	Horth-	2	30.01 81 84 76- 29.97 82 85 76-	be.	1 tral: 0
3	"	*	3	29.96 83 86 76		1 7
4		" " " " " " " " " " " " " " " " " " "	3	29.94 84 86 75	",	cum sh- 8
5	41 41 A	MNE	3	29.93 86 87 74	6	none_ 10
6	nngr	4	3	29.93 85 86 76	4	* 10
7	South -	"	2	29.93 86 85 76	4	* 10
8	6asl-	•	4	29.93 85-84 74	1	. 10
9	16 by &		4-5	29.93 83 8/ 74	be	. 10
11	6/16	"	4-5-	29.93 8/ 78 73	4	1 10
Mid.	nnE	,	4-5-	29.92.80 75 71		" 10
100 100						

Commences & till 4 a.M. Coopigue Ldo). The Countried at que thank (Pr.) & M. Rospigue Ldo). The Common of Allican	
Commence a few or wind tolonged - Senth - h	essen- home ME
The greatures. Forme por	Delessioni.
468 am. 1	Ensign U.S.M.
blear weather gentle breege from ME	to Noth - Mase
poutine signals.	010
2 2016 1 - 911	Kin Masinot, tild
8 am to Mined.	prisiand. D. H.
The MB Spign and possasant sense to moderate	briege feory North and
Thank (Ir I.) & M. Rospigules (Ldo). The Comog Officer	with absentages Veter
punishments: viz. M. Congray (x 6) 19 hours overtime	- reduced to 3rd offer
6. Edwards - (Oiler) 24 hours - overtime reduced to god	lass P. Donahenty (Pot)
6. Edwards - (Oiler) 24 hours - overtime peduced to sad a 26 hours overtime and hight - reduced to 4 - class - 2 m	contho=
Placed D. J. Linnehan under senteys charge for be	ing drunkans Sisorterly
	Mulin t
Meris to 4/2m. Meris to 4/2m. Class and poleasant. Light and gens My Ir and Morth. Sent liberty - party ashore. M. Roo oh board 29/2 hour - overtime.	Sicul-U.S. M.
MI O Stear and pleasant - Light and gens	the breeges from
May Mand Morth . Sent liberty party ashore . M. Roo	pignes (Ldo) pround
or board 29/2 hour-overline.	(De . 8 2
41-862	Ensign U.S. M.
breege from MME. Dent-down light-yards.	Susigno. S. M.
breeze from MIG. Sent down light - wants	e. Right to genine
	Mueuter
8 pm to Mid.	Liguel-218.91.
grand Clear ant pleasant - Morepale to-	resh breeze from
8 pm to Mid. blear ans pleasant. Mosepale to-f.	0.
	Euslone Ensign U.S.M.
	Consignal. D.M.

LOG of the United States Steamen Essex " Al-Montepideo, Uniquay).

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Forms of	Hear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				MME	11116	4			29.90	74	70	70		le	circum	-9	
2				"	4	3			29.89	78	70	70	,	4	4	9	
3				Horth-		3			29.88	78	69	69	7	*	4	9	
4				40	4	3			29.88	77	69	69		4	4	9	
5				Mby 6	*	3		•	29.90	77	68	68		4	4	9	
6				4	11 by 6	3			29.91	72	68	68		*	4	9	
7				11/26	11/26	4			29.91	71	68	68		4	4	9	
8				686	Month -	5			29.91	74	69	69		4	4	8	100
9				86	MM m	5-			29.94	74	70	70		4	cirsti	8	
10				East.	4	4			2994	76	77	72		1	+	8	
11				1116		4			29.94	18	79	70	3	,		8	
Noon.				nm	4	3			29.94	18/	84	75	-	,	4	8	
					-				//								1

Course and distance made good since preceding noon by observations, Latitude by D. R. Longitude by D. R.	knots. tenths.	
Position at Noon: { Longitude by D. R.		
Position at Noon: {	0 , ,,	
Latitude by observations of ⊙	0 / //	
Longitude by chronometer from Forenoon Observations of ⊙	0 / "	
(Latitude by	0 , "	
Position at 8 a. m. Longitude by	0 / //	
(Latitude by	0 / . //	
Position at 8 P. M. Longitude by	0 , "	
Current during the time, knots tenths per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //	
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 / //	
Variation of the Compass by Azimuth ⊙ observed at "	0 / //	
Variation of the Compass by Azimuth ⊙ observed at "	0 / "	
Water expended during the preceding 24 hours,	376 gallons.	
Water during the preceding 24 hours,	u u	
Water remaining on hand fit for use at Noon,	/32/ "	
Coal consumed during the preceding 24 hours,	tons /255 lbs.	
Coal remaining on hand at Noon,	100" 460 "	

1 1916 M 10 1 3 29.93 82 84 78 de circume strat- 2 Syrby Ir Lyr 2 29.92 83 82 78 . 3 1918 y Louth - 2 29.92 82 82 78 . 4 100 Ir de la circume	3 2
2 Syrby 9 2 29.92 83 82 78 . 3 Norby 9 South - 2 29.92 82 82 78 . 4 NORTH 2 29.91 81 81 78 "	3 2
3 N N by N South - 2 29.92 82 82 78 " nimb. 1 N N 9 " 1 29.91 81 81 78 "	
1 not 9 1 29.91818178 "	/
10 000	/
6 SSE 1 29.89 78 75 rcm 4	0
7 " South - 1 29.948177 75 och wind	0
8 " & 1 29.9682 7674 "	
9 " Bast 1 29.9783 78 74 belt cum st	4
10 29.9782 78 75 ocht cum sint	
11 · SSE 2 29.988/7774 bal "	
Mid. " 3 29.9880 76 74 . 4.	-

11	
Commences and until 4 gipt. NNE.	
grong Olian and polian	easet. Moderate la gentle briege from
nno.	9 Pull
46-8 141	Jusqu Huy Holman
Bright - and plan to L. 11	- 1- hade been former
Morth Barongeter steady D. MEX	in (6%) retirend
overtime Red in Pay Delet- 16/4	los- beef 16/4 lbo- ore actable and
93 lbo of bread.	J' work and
Morth Barometer steady. Defot 1/6/14 go loo of bread.	Museu
8 am to Merid;	, Dieut-U.S.N.
Sam to Merid; Blear and pleasant - Lentle	to fresh proger from MM W. al-9.30
museure as quarters and werened as four	rousine. The following men overs absent
At-9.45 made pouting signals The	The It Linches (Bit) F. Jane (CorplM)
My 4.45 made poutine signals of The for	lowing punishment rospe awarsed
by Coming. Officer: M. Rodrigena (ado) 29	12 hrs over leave, peduces to "15 class - 2 months
D. F. Linneham (S. book) Downk, diso	Lotte profase down obeying ships
abload Puting on lift and board	Il - 2 wit to the 10 - 8 mg P
(612) 18 hours - borting - reduced for 3	of class.
	(200 Min .
Merid to 4 pm.	Egel Bone. S.M.
1.11 Clouding over Senth- he	ge from Il W until 1. go when it-
shifted to Di falling in force to	light-freeze and then backes to South.
gradually falling in force to light	airs: W 1.00 made signal Int-
2984 ahod lift. N. M.S. Pragle cam	in. O full
41.20 624	Jang Hall tolman
black Sill in	686 1-8 11-87 1 Ort
Merid to 4 pm. Shifted to 39. falling in force to light- gradually falling int force to light- 2984 and Off . W. M.S. Beagle carried 4 lo 8 pm. bloudy. Sight-airs from preturned on board 53 hrod oraption and sent-down top gallant- mast; at at 7.45.	ME Al-box male Date sind 640
ant sent down tob gallant - mast - al	-6.10. hoister in steam launch
al-7.46.	
	Plessione
8 pm to Mid.	Ensign U.S. N.
berge from between East and SS, casional distant-thunder.	Un part Sight-airs to gentle
berge from between Bast and SS	6. Lightning in he & Ir with oc.
castonal destant-thunder.	O And
	July turounan
	V C J C J C J C X C X J
	Jug Fellolman Jimt- 21. S. M.

Examined and found to be correct.

Lain, Navigator.

LOG of the United States Steamer Essex", 3rd Rate,

	_								0	0	-						-
1			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	lear ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				8,86	South-	3			30.00	180	75	74		oel	ninet	0	
2				Sky 6	556	3			30.00	-80	75	74		4	4	0	
3				De by D	\$6	4			29.99	78	74	73		4	4	0	
4				25	4	4			29.99	78	74	73	-	1	4	0	
5				686	4	4			29.99	76	72	70	,	be	٩	0	
- 6				"	000	2			30.01	75	73	70		oe.	-	0	
7				\$6	606	2			30.02	74	72	69		be	cir cum	3	
8		1		4	26 by 6	2		1300	30.03	70	-73	70		4	(3	
9				4	686	2			30.01	75	-73	71		·	4	4	
10		100	1000	0012	4	2			30.02	76	73	71		bem	"	3	
11				\$6,64,6	Gast-	2			30.04	476	73	71	-	oem	umb	0	100
Noon.	1			6 by S	6 by 8	2			30.03	76	73	71		4	4	0	
										1							

Course and distance	made good since preceding noon by observations,	knots. tenths.	
	Latitude by D. R.	0 , ,	
	Longitude by D. R.	0 , "	
Position at Noon:	Latitude by observations of ⊙	o , ,	
	Longitude by chronometer from Forenoon Observations of ⊙	0 , "	
	(Latitude by	· , ,	
Position at 8 a. m.	Longitude by	o , ,,	
	(Latitude by	· //	
Position at 8 P. M.	Latitude by Longitude by	o' , ,	
Current during the	time, knots tenths per hour, setting to the		
Variation of the Con	mpass by Amplitude o observed at Sunrise, ship's head	0 , "	
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset, "	0 , "	
Variation of the Con	mpass by Azimuth ⊙ observed at "	0 1 11	
Variation of the Con	mpass by Azimuth ⊙ observed at "	0 1 11	
Water expended dur	ring the preceding 24 hours,	367 gallons.	
Water Distil	Wed during the preceding 24 hours,	367 gallons. /20 "	
	hand fit for use at Noon,	10714 " tons /350 lbs. 99 " /350 "	
	ng the preceding 24 hours,	tons /350 lbs.	
Coal remaining on h	hand at Noon,	99 " 1350 "	

P. M.	4.1.0	4.0					
1	Ely &	Chy &	3	30.04 75-73 72	ocza	cir aun	. 0
2	"	26	1	30.06 75-74 72	4	4	0
3	"	Cast-	3	29.99 74 72 71	ocmd	ninh	0
4	Cast-	,	2	29.98 73 73 72	acm	"	0
5	Cast-	4	3	2998 73 71 71	4		0
6	"	2 2 2	3	29.98 73 72 7/	4		0
7	2/1/	686	3-4	29.97 74 72 71	4		0
8	6 suff		3	29.977772 71	,	9	0
9	626	East-	3	29.97 76 74 73	bane		3
10	200	9'218	3	29.97 77 74 73	4	*	6
11	26/1/2	ENE	2	29.97 76 74 73	bel	circun	1/0
Mid.	10916	11/0	2	29.97 76 74 72	rek	•	0

Commences and until 4 am.	1-0, 0,
Sulle- 1- se 5 216 - Course and cloudy with lightain	ig to DIXIId.
Gentle-b-more pale - bruge from South - lighthis	Orthoni
40 sam,	0/891
Ho sam g Cloudy. Mode gate and light - breeger from g 7.15 made sid Int - 6144 Tallapoora ansid Off. at	864-686 01-
7.15 made sid Int- 6144 Tallapoora unsid Aff. (1)	1-7.45 arrend 1.
land wants tellahooda made muchus alberate.	1-1 m / 2-1
morning orders: Started fire for distilling puna	love.
	Chrisipin
8 am to Mexide, po, 1 1, 200	Consignal & M.
morning orders. Started fire for distilling purp 8 am to Merid. Sight-breeze between 686	and Gast- M-9.30
7111111000 01-011001001010 11-17-1-11-11-11-11-11-11-11-11-11-11-11	
To xinchey (6/4) Was divisional drift. The thrugged	yan sunboat Thomas
about the Came in . The Counda. Officer of the abet.	gle part a visit
novare. Ut 9.10 made pour ne osignals: Distilli	Hug Hubbal
Missing (6th.) Hat divisional drift. The discussional drift drift. The discussional drift drift. The discussional drift drift drift. The discussional drift drift drift drift. The discussional drift	Visit II & Man
1 Overcast & cloudy with orry light his	role third hour
Gentle bruge and light-airst from SE to Gast.	Distilling)
	Tortener
4pm to 8 pm.	Vicid- 21. S. M.
\$ 1-1-8 Joencast and damps. Senthe to modera	els breeze from
East to ESE. Distilling.	7 July
~1- 1- 711.1	angistud forman
8 form for Mid.	year a. D. M.
hours - with lightning along had glooning ford he	last has an Il
hours - with light wing along horizon to the Six to light bring go from East to ME. Distilling	XENICE
Jan	John ilm
	Sicul-U.S. M.

Examined and found to be correct.

le. & lunne Luil: Navigator. LOG of the United States Steamer Essex ", 3nd Rate,

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT		State of	Forms of	Hear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				76	216	3			29.95	76	1 72	71		bl	House	10	
2				1116		3			29.94	176	72	71		,	4	10	
3				North -	1116	4			29.90	376	72	71		bel	S97.	9	
4		233			North-	5			29.92	76	172	71		"	*	9	
5				1197	4	4			29.91	76	72	70		*	cum	9	1
6				Morth-		4			29.92	74	70	69		bone	circus	m 8	
7				4	*	4			29.9	274	+ 71	70		4		8	
8	186			4100	•	4			29.91	174	772	70		4	*	8	-
9				11 by 6	4	3			29.90	75	75	72	1	be	4	8	
10	100			Sto by S		3			29.92	76	77	74	4	4	4	8	
11				S.B	•	3			29.91	78	79	75	1-	4	"	8	
Noon.					*	3			29.90	80	80	76		4	4	9	
											1					1	

Course and distance	made good since preceding noon by observation	ons,	knots.	ter	nths.
	(Latitude by D. R.		0	,	"
	Longitude by D. R.			,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
			0		"
	Longitude by chronometer from Forenoon	Observations of ⊙		-	"
Position at 8 a. m.	Latitude by		•	,	"
Tosition at o a. m.	Longitude by		0	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the	time, knots tenths per hour,	setting to the			
Variation of the Co	mpass by Amplitude o observed at Sunrise, sl	hip's head	0	,	"
- Variation of the Co	mpass by Amplitude ⊙ observed at Sunset,	u	0	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at	"	•	,	"
Variation of the Co	mpass by Azimuth \odot observed at	"		,	"
Water expended du	ring the preceding 24 hours,		. ,	38/	gallons.
Water Disle	Wed during the preceding 24 hours,			482	
Water remaining on	hand fit for use at Noon,			2/75	• "
Coal consumed duri	ng the preceding 24 hours,		/ ton 98 "	333	lbs.
Coal remaining on l	hand at Noon,		98 "	8/0	5- "

P. M.					1	
1	Cast	21219	2	29.87 82 83 77	be.	cir cum 8
2	1	8891	1	29.85-81 83 79	4	и 8
3	86	\$6	1	29.83 82 82 79	"	4 9
4	6 by S	,	1	29.82 82 82 79	*	4 9
5	SE by &	Gast-	2	29.79 81 81 79	4	4 9
6		d"oa	2	29.79 81 81 78	4	" 9
7	1116	6.86	2	29.79 81 79 77	"	4 9
8	1	-240	1	29.79 82 79 77	bel	cum str 9
9	North-	1116	/	29.80 84 80 76		" 8
10	no by n	7/8	2	29.80 83 80 74	4	" 8
11	Elys	"	4	29.80 80 78 73	4	
Mid.	to by M	1116.	4	29.81 80 77 73	4	. 8

Commence s- and until 4 am	
Commences-and until 4 am.	1 ME Q . +M.
Sear Lyine, gentie pres	ge from to Deolling
4 10-8 am. , ,	1. My Thasits Held
the same of planned - Mand-	Consigned S. N.
Jallapoosa made dress- signals- and at 7.30 use of crew 1/5 los each ofresh meal-and ore 8 am to Meeid. Blear and pleasant weather. See	to from home al 7.00
use of cosm 115 la sach South mand and 1.00	June rigualo . Asco for
for a second for the second of the mean and of	genavies and gens oread.
8 are L. Msoid	July on your on
blen and pleasant rosallise de	Matheway Williams
went to Level quartero: 1. Div praty in 2mo.	on you die i com Mora . 1 9.30
in 2 m 12 oc. Marg's Dir 2 m 08 ore. Porotin Dir in 2 m/4 o	ic Grace Sier on thy ote Park :
Surg Dir om 45 se and Marine Quard 1mosoic M. Lis	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
and a. E. Durand (Boy) about - without - leave.	The State of the state of the
booted the expiration of his boot of well the	fullan Delotey M. a. l. pen
for the formation of the media	
cooks: and lite hence:	The pool
cocks and life buoyo:	Simple of the state of the stat
Wested to 4/0m. line weather light in	Sient-28.91.
Ciber down south a weather light - and	es from 88 W. ans 88E.
Cipro down sough & wash clother and	es from SSW and SSE. basisted sailing launch.
Tipes down soub & wash clother and	basited sailing launch.
Tipes down soub & wash clother and	basited sailing launch.
Tipes down soub & wash clother and	basited sailing launch.
Tipes down soub & wash clother and	basited sailing launch.
Dipro down soub & wash clother and Distilling. 4 to 8 pm. Light - breeze to light - airs from bast.	basisted sailing launch. M. Ry Wasn Full. Ching to Sd last hour. and 6 St. Dio tilling.
Dipro down soub & wash clother and Distilling. 4 to 8 pm. Light - breeze to light - airs from bast.	basisted sailing launch. M. Ry Wasn Full. Ching to Sd last hour. and 6 St. Dio tilling.
Dipro down soub & wash clother and Distilling. 4 to 8 pm. Light - breeze to light - airs from bast.	basisted sailing launch. M. Ry Wasn Full. Ching to Sd last hour. and 6 St. Dio tilling.
Dipro down soub & wash clother and Distilling. 4 to 8 pm. Light - breeze to light - airs from bast.	habited sailing launch. My Wasn Fill. Chaining for Sid last hour. String for Sid last hour. Liculo U.S. M.
Dipro down soub & wash clother and Distilling. 4 to 8 pm. Light - breeze to light - airs from bast.	habited sailing launch. My Wasn Fill. Chaining for Sid last hour. String for Sid last hour. Liculo U.S. M.
Tipes down soub & wash clother and	basisted sailing launch. M. Ry Wasn Full. Ching to Sd last hour. and 6 St. Dio tilling.

LOG of the United States Steamer Essex , and Rate,

			Reading	COMPAND OF STREET	WIND.				BAROME	TER.	TEMP			State of	Forms of	Clear oths.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				7/1/6	Mby E	2			29.8	374	77	74	4	bel	eir au	4.9	
2				"	4	2			2983	78	76	73		1	4	8	
3				Il by Ir	North -	1			29.83	78	76	73		. 4	4	8	
4				n Wby M	4	1		7.19	29.83	76	75	73		*	a	8	
5				71 m		1			29.83	77	74	71		4	4	6	
6					West-	1			29.86	75	-73	70		be	4	3	1
7				4	STr	1			29.88	76	74	1 73			6	4	
8				West:	South-	2			29.92	77	76	74	4	oc	cur nin	4/	
9				South -	\$6	3			29.94	7	75	73		*	4	2	
10				4	South-	5			30.01	76	73	7/		4		0	1
11				4	*	5			30.04	4 74	4 7/	69	-	de	*	2	
Noon.				86	86	4			30.02	/	/	69	7	+c		0	
										1	1	1					

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	· , ,
Longitude by D. R.	0 , "
Position at Noon: Latitude by observations of ⊙	0 / //
Longitude by chronometer from Forenoon Observations of ⊙	o , ,,
(Latitude by	· ' "
Position at 8 a. m. Longitude by	o , , ,
(Latitude by	0 , "
Position at 8 P. M. Longitude by	° ' "
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 / //
Variation of the Compass by Azimuth ⊙ observed at "	0 / "
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Water expended during the preceding 24 hours,	420 gallons.
Water Distilled during the preceding 24 hours,	1000 "
Water remaining on hand fit for use at Noon,	2805 "
Coal consumed during the preceding 24 hours,	/ tons //05 lbs.
Coal remaining on hand at Noon,	96 " 1950 "
	7

P. M.	1218	8 %				No.	,
1	\$ 6 8y\$	86 by 8	3=6	30.06 73 70 69	oc	Kench	_
2	"	\$6 by 8	5-6	30.06 71 69 67	4	4	0
3	"	"	5-6	30.06 70 68 66	4		0
4	,	4	5=7	30.0769 6766	acd	1	0
5	"	4	1=7	30.10 69 67 65	4	4	0
6	0 0	, ,	5-7	30.13 69 67 65	6	4	0
7	26	25	1=7	30.14 73 67 65	acp	4	0
8	"	86 by 6	5-7	30.15-746764	oed	4	0
9	"	4	3=7	30.18 74 66 63			0
10	"		5=7	30.19 75-66 63	beg	*	2
11	4	*	0=7	30.20756563	"	H	4
Mid.	1.	4	4-6	30.20 74 65-63		4	4

, U. S. Navy, , 1891 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 am. light-airs from Il by & and North Lightning to Mix & de Mary on 4 to 8 am. Party cloudy pleasant wigther first-hore hour gry threatening lash half hour Light- airls to-light-breezes from Mest- & SIV, shifting to-Bouth-last-half hour. Lowered steam culter. Distilling. 8 am to Meris Partially fair and overcast gentle-to- stiff hogge for South hauling to the St. The bourge Officer awarded the following funishment F: vig P. Hans Pr. J so hour over leave , - peduced to 4 class smouth Thos: Eask int fel alfo Arturning from librely - tight - 2 weeks quaranting, Totasfors (67) 79/2 hrs: over have - produced to 4 day 3 months: a. 6. Durant (Boy) 31/2 hrs - over leave - neduced to 4 th class 2 months. Mois L-4 bon 11. Ky Masy Tule Eneign U.S. M. Jourcast and unpleasant , wind from & and & by & generally fresh in force with occasional mosepale squalls-increasing came in and anchored bachanged number with her More pate sea. Stopped distilling, hanks fikes. Stoby & and Sto. Dietalling. Stiff to very stiff breeze from

8 pm bo Mid.

Overcast at hist cleaning towards and of walch:

Barometr picing. Itilis & by E. fresh with recasional squaller most pating in foles towards the of walch: Lieut. U.S. M.

LOG of the United States Steamer Essex", 3rd Rate,

Al-Monteplideo, Uruguay).

								V			_						
			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				00	00									1	The state of the s		
1				\$6	86	4-5	-		30,20	72	65	-63		begn	ninel	3	
2	-	100		2646	4	4			30.21	7/	60	63		le	4	3	
3				80	*	4			30.21	1	1	1. 1.		4	4	4	
4			1	*	4	4			30.22	70	65	-64		ac	4	0	
5				4	4	3-6	-		30.22	/		1		acq	4	0	13 13
6				4	•	3-5	-		30.24	68	65	63		ocq	*	0	
7				4	4	3-5	•		30.27	67	64	63		begn	4	1	373
. 8				4 1 0	1 4 0 0	3-5	-		30.28	1/2	1	1		beg	4	1	133
1 2.9				86 kg 8	86 by 8	4			30.29	67	64	63		ac	4	0	
10				1,	,	5			30.30	/				Ac	4	2	
11				,	"	5			30.31					4	4	2	13.34
Noon.						5-			30.31	66	64	08		4		4	
																	133

Course and distance	e made good since preceding noon by observations,	knots, tenti	ns.
	Latitude by D. R.	0 , ,,	
D. C.	Longitude by D. R.	0 , ,,	
Position at Noon:	Latitude by observations of ⊙	0 , ,,	
	Longitude by chronometer from Forenoon Observations of ⊙	0 , ,,	
Desiring at 0	(Latitude by	0 , ,	
Position at 8 a. m.	(Longitude by	0 , ,	
Position at 8 P. M.	(Latitude by	0 , 1	
Position at 8 P. M.	Longitude by	0 / //	
Current during the	time, knots tenths per hour, setting to the		
Variation of the Co	ompass by Amplitude ⊙ observed at Sunrise, ship's head	0 , ,	
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset, "	0 / //	
Variation of the Co	ompass by Azimuth ⊙ observed at "	0 , ,	
Variation of the Co	ompass by Azimuth ⊙ observed at "	0 , ,	
	ring the preceding 24 hours,	420 g	dlons.
Water Distill	during the preceding 24 hours,	390	"
Water remaining or	n hand fit for use at Noon,		
Coal consumed dur	ing the preceding 24 hours,	2770 tons 970 96 " 980	lbs.
Coal remaining on	hand at Noon,	96 " 980	"

P. M.					1		
1	26	26 kg &	4	30.31 66 6307	de	cic oun 4	
2		**	4	30.31 66 63 57	4	+ 5-	
3		\$6	4	30.32 66 63 37	*	cic cum 4.	
4		4	3	30.31 66 63 57		" 2	1
5	400	"	3	30.33 67 62 57		u 2	
6	686	4	3	30.33 67 62 5-7	4	circyne 3	1
7	00	,	3	30.52 69 63 58		4 2	
8	686	686	3	30.36 72 63 58	oc,	resint 0	
9	6.86		3	30.36 73 63 58	4	4 0	1
10	26	Stry 6	3	30.36 73 63 58	"	" 0	1
11	"	686	3	30.36 7/ 63 58	be	" 3	
Mid.	"	1	3	30.36 70 63 58	oc		-

Commences and until 40m.	
Commences and until 4am. Cloudy Moderale lo-frech breezes pising.	from S.E. Barometer
pising.	
	Russini
4 6 g azM. +	1 Grisian 1871.
Jair and squally acrelle to still &	reers from SE Mass
asm. signal Int-6/44 and: 004 U.S.S. Baltin	fred made meeting signal
Sent-up loto gallant musto & un so at color	vi I I I
	Mr. Rom Motor Fris
8 azu 1- Maid	624 1891
Claude and pleasant Brownels	strady Hall
home Stowed All-130 mentioned It- austin	- Bounda Mine
the disposition of Miller 13 19 100	havid Mil
The suge constigs is . I much from y as . V.	Sponen (Cher) and
Jair and squally, gentle to stiff & gen. signal Sul-6/44 and: 964. U.S.S. Baltime Sent-up lofo galland-master & yards at color brain Soly S. Use and pleasant. Barometer from Soly S. Us-g. 30 mustered at quarters his ship. When less to S. Miller (Barber), Jas. S. Miller (Barber), Jas. S. Miller (Barber), Jas. S.	1-14,
M . 1 1- 11 had	a for flever
mepla to 4 join.	Vieyt: 1. D. 11.
Merid to 4 form. Story S. Sent-liberty party ashore.	ges from \$6 and
Doy Dent liberty party ashore.	0, 0,
	Musion 51
46 8/011.	Gusignil. D.M.
8 pm lo Mid,	from Sound 686.
	o J. Megely of
8 pm lo Mid, p	Queit-d. D.M.
8 pm li-Mid, boudy. Sentle heezes from Ex Barometer steady.	26 and 86 by 6.
Darometer steady.	
	Crisign U.S.M.
	Ensign U. S. M.

LOG of the UNITED STATES Steamer Essex "
Al- Montevideo, Uruguay.

-	_	_					0	0		and the latest teacher		-	-				
			Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.	State of		lear ths.	Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				SE	686	4			30.37	70	63	18		be	cir cur	u 4	
2				686	4	3			30.37	/				4	4	1	
3				"	4	3			30.36	70	63	58	,	4	4	4	
4				*	4	3			30.36	-				u		5	
5				6/16	4	2-4			30.35						4	8	
6				Cby H.	" " "	3			30.34					4	cie cun	-7	
7				100	6 by 8	4			3035					4	4	5	
8				616	4	4			30.35	-66	65	-60		a	(2	133
9				6 by M	Gast-	3			30.36	68	66	61		4	"	3	
10				Carl-	4	3			30.86					4	4	3	
11				6 by 8	4	3			30.36	/ /					4	2	1
Noon.				26	•	4			30.34		1 1			4	8	3	
							-		-		/						

Course and distance	made good since preceding noon by observati	ions,	knots.		tenths.
	Latitude by D. R.		0	,	"
D	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon	Observations of ⊙	0	,	"
D. 11	(Latitude by		0	,	"
Position at 8 a. m.	Longitude by		•	,	"
Position at 8 P. M.	(Latitude by			,	"
Position at 8 P. M.	Longitude by		•	,	"
Current during the	time, knots tenths per hour,	setting to the			
Variation of the Con	mpass by Amplitude o observed at Sunrise,	ship's head	۰	,	"
Variation of the Cor	mpass by Amplitude O observed at Sunset,	"	0	,	"
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	•	,	"
Variation of the Cor	npass by Azimuth ⊙ observed at	"	•	,	"
Water expended dur	ing the preceding 24 hours,			422	gallons.
Water	during the preceding 24 hours,				u
Water remaining on	hand fit for use at Noon,			2340	
Coal consumed durin	ng the preceding 24 hours,		tor	18 40	00 lbs.
Coal remaining on h	and at Noon,		96 "		
			/		

1 26 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	P. M.	4.6			,		
2 86 by 6 " 4 30.29 69 67 63 " 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1		Cast- 4	30.32 69 67 62	be	cir gum 3	
3 6 by 8 6 by 8 4-5 30.25 70 68 63 " " 4-5 30.25 70 68 63 " " 3 5 69 67 62 " " 4-6 30.25 72 67 62 " " 4 5 6 by 8 6 by 8 6 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	2	Stoyto					
5 " " #-5" 30.25 70 67 62 6cg 4 4-6 30.25 69 67 62 " 5" 4-6 30.25 72 67 62 " 4 5" 8 6 by M East- 3-5" 30.26 73 67 62 " " \$	3	6 by 8	6 by \$ 4.5		4		
5 " " #-5" 30.25 70 67 62 6cg 4 4-6 30.25 69 67 62 " 5" 4-6 30.25 72 67 62 " 4 5" 8 6 by M East- 3-5" 30.26 73 67 62 " " \$	4	,	1, 4-5				
8 East 30.25 72 67 62 " " 5 8 Ebyll East 5-5" 30.26 73 67 62 " " 5	5	"			beg	. 4	33
8 6 by M East- 5-5 30.26 73 67 62 " " 5		(",	4-6				
			4-6		4	. 4	
		6 by Il	Gast- 1-5	1 /, ,	4	" \$	
10	9	- "		30.26 746863	oeg.	cum xuint 3	
10 6, by 8 6 by 1 3-4 30.25 75 68 63 beg " 2	10	6, by S	6 by 11 3-4	30.25-75-68 63			
11 So by de 1 1 3-14 30.25 76 68 63 0 cg 4 0		Co by Il		30.25 75-68 63	ocq	4 0	
Mid. " 3-4 30.25 73 68 64 7 pg " 0	Mid.	Gdsl-	11 3-4	30.25 73 68 64	17/9	" 0	-

h telyand	
Commences and until 4 am. Sair and cool, more pate to gentle bregge 4 lo 8 am.	1 888
Jair and cool, moderate to gentle breeze	from OSO.
	Jugo Wy Holman
4 10 8 am.	Lied-U.D.M.
bloudy and pleasand. Sentle to me	oderate breeze from 656
and 6 by D. Grossed poyal yards at 7.45	11
4 lo 8 am. bloudy and pleasant. Sentle lime and Eby S. Grossed poyal yards at 7.45	J. J. Renfiger and
8 am to Meref.	Diecel-U.S.M.
Cloudy Sentle and moderate bus	ecs from Gast - Ul-9.30
mustered at auxilies and found the following	when absent without
leave: 6. 1. Miller (Barber) Jos: D. Cronice (Vilo	Sans M. Linchy (6H)
leave: b. J. Miller (Burber) Jos: V. Cronice (Vilo Exercised divisions as per conting. Made poutin	s signals alt 9.45. The
Conda Officer made an official call on	foard Baltimore ". Rec'd
on board for U.S. S. Peresacola 146242	Sterling. C. Miller (Buch)
and Jos. V. Gronin Oiler returned on boar	20 46 hours overtime.
	0,
	Milione
and Jos. D. Bronin (Oder) reliences on boar	Eusign U.S.M.
Merid to 4 form. Moderate to hesh breeze his	m Cast to Ely S. The
Minited States Minister winds of the Balthur	on East to Ely S. The
Minited States Minister winds of the Balthur	on East to Ely S. The
United States Minister visited the Baltono.	es and the Thelapoosa.
United States Minister visited the Baltono.	es and the Thelapoosa.
United States Minister visited the Baltono.	es and the Thelapoosa.
United States Minister visited he Baltonion Sent steam launch and whate boat to he the Beagles boats; capsiged under sail.	in East to Egy S. The se and the Thelapoosa. In assistance of one of July Holman
United States Minister visited he Baltonion Sent steam launch and whate boat to he the Beagles boats; capsiged under sail.	in East to Egy S. The se and the Thelapoosa. In assistance of one of July Holman
United States Minister visited he Baltonion Sent steam launch and whate boat to he the Beagles boats; capsiged under sail.	in East to Egy S. The se and the Thelapoosa. In assistance of one of July Holman
United States Minister visited he Baltonion Sent steam launch and whate boat to he the Beagles boats; capsiged under sail.	in East to Egy S. The se and the Thelapoosa. In assistance of one of July Holman
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United States Minister visited he Baltonion Sent steam launch and whate boat to he the Beagles boats; capsiged under sail.	in East to Egy S. The se and the Thelapoosa. In assistance of one of July Holman
United States Minister visited he Baltonion Sent steam launch and whate boat to he the Beagles boats; capsiged under sail.	in East to Egy S. The se and the Thelapoosa. In assistance of one of July Holman
United States Minister visited the Baltono.	in East to Egy S. The se and the Thelapoosa. In assistance of one of July Holman

LOG of the UNITED STATES Stramer Essex"

At- Montevideo, Uruguay.

-	_								-		_		-			3	
			Reading		WIND.				BAROME	TER.	TEMI	PERAT	TURE.	State of	Power of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Hoel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.				686	East-	2			30.28	-70	68	63	-	oca	zuine	60	
2				Gast-	"	2			30.21	71	66	63		4	4	0	
3				4	4	2			30.20	/		,		4	4	0	
4				4	4	2			30.20	70	63	63		4	4	0	
5				*	240	3-5			30.19	70	63	62	,	ocpa	4	0	
6				4	6/16	3-4			30.18	/		-		4		0	
7				6 byll	11.1	3-5			30.16					4	4	0	
8				Gast-	6 byll	3-5	-		30.12	68	63	62		4	4	0	
9				616	Cast-	3-6			30.12	67	64	63		oczan.	cum nin	10	
10				Gast-	4	3-6			30.13					4	4	0	1
11				616	4	3-6			30.14			1		4	+	0	
Noon.				4	,	3-5	-		30./3	/		1		4	4	0	
						L.	-	-									

Course and distance	e made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0	, ,,	
D. C N	Longitude by D. R.		, ,,	
Position at Noon:	Latitude by observations of ⊙	0	, ,,	
	Longitude by chronometer from Forenoon Observations of ⊙	0	, ,,	
Position at 8 a. m.	(Latitude by	0	, ,	
rosition at 8 a. m.	(Longitude by	0	, ,,	
Position at 8 P. M.	(Latitude by	0	, "	
resident at e.r. M.	Longitude by	0	, ,,	
Current during the	time, knots tenths per hour, setting to the			
Variation of the Co	ompass by Amplitude ⊙ observed at Sunrise, ship's head	0	, ,,	
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset, "		, ,,	
Variation of the Co	ompass by Azimuth ⊙ observed at "	0	, ,,	
Variation of the Co	ompass by Azimuth \odot observed at "	0	, ,,	
Water expended du	ring the preceding 24 hours,		4/5 gallons.	
Water	during the preceding 24 hours,		u	
Water remaining or	n hand fit for use at Noon,	1	833 "	
Coal consumed duri	ing the preceding 24 hours,	tons	400 lbs.	
Coal remaining on l	hand at Noon,	96"	400 lbs.	

P. M.	,	4					
1	Cast-	E by M	3-5	30.09 71 65 64	oedo	rint o	
2	606	1,	3-5	30.08 71 65 64			
3	Gast		3-5	30.05 71 65 64	4	" 0	
4	6 by A	6716	3-6-	30.03 71 65-64		. 0	3
5	4 4 11	"	4-6	30.02 71 66 64	-	. 0	1
6	6/16	"	4-6	29.99 71 66 65		4 0	7
7	Cash	,	4-6	29.98 72 66 64	acqu	. 0	
8	6/16	,	4-5	29.97 72 65-64		. 0	
9	116 846	.10	3-5	29.97 7266 65	acque	um mint	
10	116	16 by 11	3-5-	29.97 73 67 66	4	. 4	
11	11/16			29.96 73 68 67	K	. 0	
Mid.	11116	11816	3-5	29.94 73 69 68	4	- 0	-

from Cast. Goracast and cloudy & painty honghout the watch Light beinge from Cast.

Ho & and Doncast; cloudy and rainy Soulle to fresh briggs from Cast to Citt. Me. M. Soull for the sugar from Cast to Baltimer made render signals.

8 and li Meritian. Guerast, Harning . Swelle briggs with from Soull stiff squals.

from Cast. At 1, 45 made portione signals:

Merid for 4, am. John squals from Court force; chaning a little last home.

Links briggs with from squals from Court Mostral briggs with fresh squally from Sollo. Rough harden sea. Two die horse a said boat asking four assistance.

8 pm to Mid. Sundh briggs with fresh squalls from Elle little.

Spings All Amyan.

LOG of the United States Steamen Goven , and Rate,

			Reading		WIND.				BAROMET	TER.	TEME	PERAT	URE.			lear hs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols,	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				1116	1116	3			29.91	73	69	68		oel	ninh	0	
2				Morth-	Morking	0			29.90	73	69	68	333	ocal	9	0	
3				417100	MMY	3			29.89	79	69	69		+	"	0	
4				11/1/1	200.	3			29.89	73	69	69		*	"	0	
5				Il IT by Il	1111	2-4			29.89	73	70	69		oc pal	4	0	199
6				7.00	0 500	2-3			29.89	73	70	69		ac	u	0	
7				110/1	11/1/1	2			29.89	71	69	68		4	"	0	
8				11 by S	118/1	0			29.89	71	69	68		60	cilcung	/	
9				9	Il by S	3			29.89	71	68	67		be	*	5	
10				•	1	3			29.90	71	68	66		K	*	2	
11				1004	,	3			29.91	71	68	66		*	4	2	
Noon.				2 Hoy W		3			29.92	71	67	65		oc	nineb	0	

Course and distance	e made good since preceding noon by observa	ations,	knots.	tenths.
	Latitude by D. R.			"
	Longitude by D. R.		0	"
Position at Noon:	Latitude by observations of ⊙		0	"
	Longitude by chronometer from Forenoc	on Observations of ⊙	0	"
D. C.	(Latitude by			"
Position at 8 a. m.	Longitude by		0	, ,,
Desiries at 9 D M	(Latitude by		•	, , ,
Position at 8 P. M.	Longitude by		•	, ,,
Current during the	time, knots tenths per hou	ar, setting to the		
Variation of the Co	ompass by Amplitude o observed at Sunrise	, ship's head	0	, ,,
Variation of the Co	ompass by Amplitude O observed at Sunset,	u	•	- "
Variation of the Co	ompass by Azimuth O observed at	u	•	, ,,
Variation of the Co	ompass by Azimuth ⊙ observed at	"	0	, ,,
Water expended du	ring the preceding 24 hours,		4.	18 gallons.
Water	during the preceding 24 hours	,		u
Water remaining on	n hand fit for use at Noon,		13,	75 "
Coal consumed duri	ing the preceding 24 hours,		tons	75 " 400 lbs.
Coal remaining on l	hand at Noon,		95-" 2	

P. M.	2.12						
1	889r	Grest-	3	2993 69 67 65	oe.	cumet	50
2	10		4	29.94 69 68 65	be	u	2
3	SI		4	29.94 70 68 65	4	6	50
4	100	i	3	29.911 70 69 66	. ,		4
5	289r	Sgr.	0	29.95 - 12 71 68	4	cis cum	4
6	"	"	3	29.96 7/ 70 66		4	6
7	00	00 10	3	29.98 75-70 66	"	4	8
8	2 9	Sor by Ir	3	30.00 75 70 65	4		9
9	92 99	9r8/9r	3	30.01 75 68 65		*	9
10	9119	1	3	30.04 75 68 64	4	u	8
11	Toyas	"	3	30.04 75-67 62	"	4	8
Mid.	\$ 19r.	1	3	30.00 75 64 61		"	9

Commences and until 4 am. Dogacast- cloudy, painy and lightning. Sentle breeze from MME. Engligh U.S.M. 8 am lo Marid. It first part light bugge of wind I'M I working and dress signals: Ut. The boundy Officer assigned the following punish. ised los gallant yards. ments: org 6. J. Willer Burber Hours over leave - red. to resh beef and vegetable. 4 1 class; 2 months: Jas: & Bronin (Oiler) 46 hours over leave, Liegh d. S. Al- 9.30 red. to 4 " class - 2 months. Jos. Vingnes (Lds) Mol laying of while on anchor watch until sent for a second time, - 2 Mis. J. a Board composed unchor watcher on gradeck (standing). Val. Dwy Er (Boy) grows Clement-Biddle Shirking vohil's on anchor watch. Hot coming aft- when vissel and held a me. ordered until hought-by borflow Sund: - + Mis anchor matches it Tollowing signals more on gen deck (standing). I'll & Comb (Pot-) 3/2 hrs: over time to poil out have.

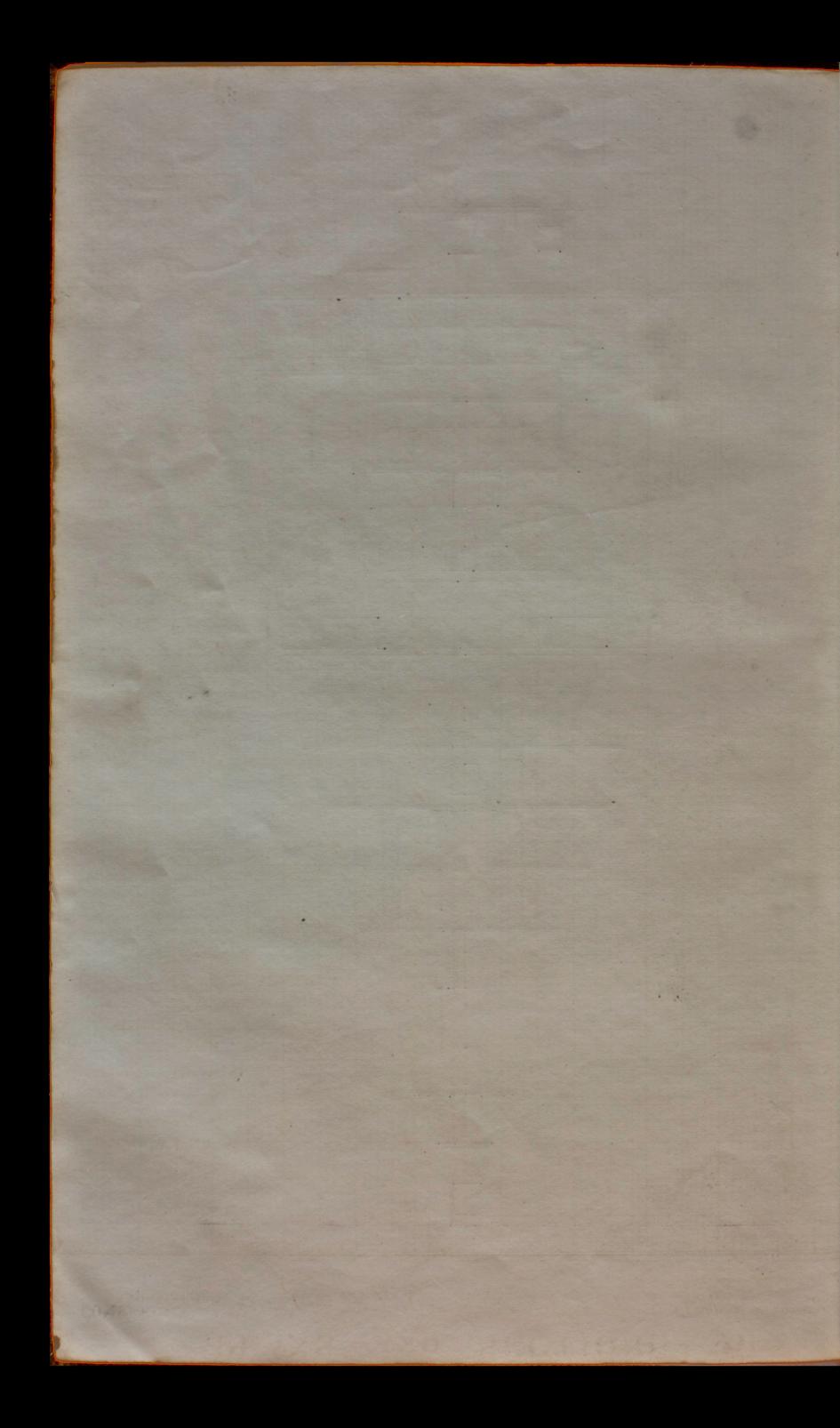
Ino weeks 2 " class: Thereine Steries. Sieut fl. S. M. Glear weather, gentle to moderate breeze from West Made gent signal Int-2984. Ans got. Piped down scrub and washelother Broke out ham mock yellings and discharged ashes:

He of land blearing bleasant-weather. Bright intomlight and startight latter batt. Gentle breeze from SW. Baronniter pissing.

14.M. D. Cleopatra came in Sand moored in outer harbor. 8 pm lo Mid. Sient and fine, gentle breeze from Mis W. Gill. S.M. Chrigad. D.M.

Examined and found to be correct.

le K. Senson



, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 am. Corneast - cloudy, painy and lightning . Sentle breeze from MME M. Slay Mason Fuld. Cloudy with judications of clearing . Light breezed with more rate, 4/5-8 am. squalls passing showers and cheat-lightning in & It first part light house to It Il 17.30 Baltimore made time signal and dress signals: Us. Recid on sought for use of creat 16/4 lbs- Each fresh but and vegetable. 8 d M lo Megid. Clearing overhin. Sentle bruge from Way S. at 9.30 inspected at glarters and had company drilled. A Board composed of Medical Inspector Just. Black USI., P. J. Suggions Chement Biddle dical survey on Suggeon M.M. Fereber I. S. J. Following signals more Merid lo to ford.

Merid Marin ford.

Merid Marin full.

Merid Marin full.

Meridian lo ford.

Meridian 8 frm to Mid, Lear and fine, gentle breeze from Its W. Gill. Mr. Ring Mason held.

Examined and found to be correct.

le K leur T Zanie Navigator. LOG of the United States Steamer Essex "
Al- Monte video, Uruguay.

			Reading		WIND.				BAROMETER.	TEM	PERAT	TURE.	State of		lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				89r	91891	3			30.08 7.	367	63		de	nous	10	
2				"	4	3			30.07 7				"	"	10	
3				4	4	3			30.07 72	/			4	1	10	
4	-			10 0	4	4			30.07 71	/			u	"	10	
5				DIThy Ir	11 m	3			30.07 69				u	4	10	
6				Mest-	71.19	2			30.07 6				bene	cum	9	
7				W by M	NNM	2			30.08 64				4	4	9	133
8				WM Ir	Nyr	3			30.10 66	65	-64	4	4	4	9	
9				West	West	3			30.12 69	67	64	4	be	cir cu	ug	
10				Mbyll	4	3			30.14 70	1 ,			4	4	8	
11				11 by S	0 0	3			30.15 71				4	4	8	
Noon.				11691	WS W	3			30.15 72				4	strak.		
															195	

y observations,	knots.	tenths.
	0 ,	"
	0 ,	"
	٠,	"
Forenoon Observations of ⊙	٠,	"
	۰ ,	"
	0 ,	"
	0 ,	"
	۰ ,	"
s per hour, setting to the		
t Sunrise, ship's head	0 ,	"
t Sunset, "	0 ,	"
u	0 ,	"
"	0 ,	"
	. 4	U gallons.
24 hours,	180	0 "
	128	5 "
	tons /	920 lbs.
	Forenoon Observations of © s per hour, setting to the t Sunrise, ship's head t Sunset, " " "	Forenoon Observations of ② ' Forenoon Observations of ③ ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '

P. M.	00	0 10			1		
1	De fo	n. 8 m	3	30.14 73 71 67	de	cir aum	7
2	Day of	"	2	30.13 73 71 68	u	" 3	5
3	256	"	2	30.14 73 7168	"	" 3	4
4	" &	"	/	30.13 72 71 67	4	4	3
5	26	Calm	0	30.16 71 71 67	4	4 /	/
6	"	"	0	30.16 7/ 7/ 67	4	" 1	1
7	,	"	0	30.16 74 72 68	"	" /	1
8	"	"	0	30.18 76 - 72 68	4	" 2	!
9	East	North-	/	30.18 75-71 68	4	ouinh 2	2
10	6716	"	1	30.20 73 70 67	4	cir cure 4	4
11	Morth-	40 400	1	30.21 73 69 66	4	rimel 2	2
Mid.	Mby Ir.	1119	/	3025-73 67 64	oc.	" 0	,

Commenger; and until 4, am.	
Commences and until 4 am. Barometer si	Eady Dentle breeze from
	21 Muda
468am,	Lieut. U.S. M.
4 lo 8 am. Clear and poleasant misty along he logentle breeze from M. W. MM want West! She	origon first-part Light
all- 7.30 Baltimore made time and dress signals	- Essex mase Int- 5466
and lossed sail to a bowline at-7.45	
8 am to Merid. Sine weather gentle brege for	De got william 21
blear line weather a sulle breeze ho	mest a MS M. Muster
at quarters and besce cised at divisional daille	Julian Delone 1 / Mas Con
was his say orotres home to report to the bounds.	Havy Yord M. H. with his
Merins offices having been confiled on thouse	rought on board by the
Marine officer, having been confilmed on shore.	M. Rey Mason Fuld.
Mexida lo 4 pin	Enjand. S. H.
Mepide lo-4 più louding lover lowards end g Lente heeze li light airs from MS.M.	walch Harometer steary.
in some or sign and from Miss.	1 Mayelina
4 lo 8 pm. blear fine weather. Calm. Mad and at sunself sent down top gallant y	Vieut. U.S.M.
Of ear fine weather Galm. Mad	general sig. Jak. 6/43
and as sunder sent down popogacians of	Jr. R. Man Fall.
8 pm to Mid.	Emija U.S.M.
Jon Hand MAN. Distilling.	neler pising. Light-air
from Mano MM. Distilling.	A Muda
	Lieut. U.S. M.

Examined and found to be correct.

Laint Navigator.

LOG of the United States Stramen Essex , 3rd Rate,

A. M. 1 1 1 1 1 1 1 1 1 1 1 1 1	Prop. of Clear Sky, in 10ths.	Forms of Clouds, by symbols.	the Weather.	rat ace.	to to							WIND.		Reading			1000
1				Wate	Air, W. Bulb.	Air, Dry Bulb.	Ther. att'd.	Height in inches.	Leeway.	Heel.	Force.			Patent	Tenths.	Knots.	Honr.
3 " 1 30.25 72 65 62 be cisnin 4 6 256 1119 1 30.25 69 65 62 " " 5 256 1119 1 30.26 68 65 63 bem " 6 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " 1 30.26 67 66 63 " " " " 1 30.26 67 66 63 " " " " " " " " " " " " " " " " "	0	aint o	re		63	66	73	30.25			1	Mbyn	Mby M.				A. M.
6 Cart " 1 30.25 69 65 62 " " " 5 SSE MMN 1 30.26 68 60 63 from " 6 30.26 67 66 63 " " " "	0	" (4		63	66	73	30.25			1	0,,	1 4				2
5 SG 1111 1 30.26 68 65 63 bem 4 6 SG 1 30.26 67 66 63 a circuy	4 3	cis nimb	be		62	65	72	3025			1	*	2 ,				3
6 30.26 67 66 63 « circuy	6	4 (,"								/	20 200	Cart				4
	1	. /			63	65	68	30.26			1	11111	286				5
7 Oby D. " 1 30.28 66 66 63 " "	2	erecure.	~				11				1	•	26				6
01/0	2	4 4	4							-	/	*	O by D.				7
8 30.28 66 66 62 4 4	6	4 (4								1	0. (-	200 91				8
9 West 1 30.30 68 67 64 " "	6	* (4							-	/	West-	West-				9
10 4 204 / 30.3/69 69 66 4 4	6	9 (4							-	/	8 OU	*				10
11 30.31 69 70 67 4 4	5		-								/	Ob 1	*				11
Noon. 9 9/20/- 2 30.30 69 70 66 4 4	5	4	42		66	70	69	30.30			2	11801.	,				Noon.

Course and distance made	good since preceding noon by observation	18,	knots.	tenths.
(Lat	tude by D. R.		0 ,	"
Lon	gitude by D. R.		0 ,	"
Position at Noon: Lat	tude by observations of ⊙		٠,	"
Lon	gitude by chronometer from Forencon C	bservations of ⊙	00,	"
(Lati	tude by		0 ,	"
Position at 8 a. m. Lon	gitude by		0 ,	"
(Lati	tude by		• ,	"
Position at 8 P. M. Lon	gitude by		0 ,	"
Current during the time,	knots tenths per hour, s	etting to the		
Variation of the Compass	by Amplitude ⊙ observed at Sunrise, sh	ip's head	0 ,	"
Variation of the Compass	by Amplitude ⊙ observed at Sunset,	u	0 ,	"
Variation of the Compass	by Azimuth ⊙ observed at	"	0 ,	"
Variation of the Compass	by Azimuth ⊙ observed at	u	0 ,	"
Water expended during th	e preceding 24 hours,		. 446	gallons.
Water Distilled	during the preceding 24 hours,		1816	"
Water remaining on hand	fit for use at Noon,		2680	(
Coal consumed during the			/ tons &	30 lbs.
Coal remaining on hand a	Noon,		93 " /7	0 "
			1 1	

THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	(//.	J W 2	2	30.30 7	0 70 67	be	in cum	4
2 /	Wby n So	86			0 71 68		cir cum	
		86			0 71 68	"	"	6
	8-8-6	*			71 68	4	4	7
5	\$6	"	2	30.28 7.	27168	"		7
6	•	"	2	30.28 7.	2 71 68	4	4	9
7	*	"			3 70 66	le ,	none	10
8	"	. 1	2	30.28 7	4 69 66	4	"	10
9	,	"	/	30.28 7.	3 69 66	4	"	10
	0 1 11	6			3 69 66	4	4	10
11	6 kg M	"	2	30.28 7	167 65	4	"	10
Mid.	,	"	1	30.28 70	67 65	6 70	^	10

, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and with part. Light air from it by M. Distilling.

The 8 appl.

There has charing, light airs from it by M. Distilling.

Distilling Med fresh providence for use of ship.

Story and followed: Light airs from the Thermy fill

8 am botheride and followed: Light airs from the Thermy fill

8 am botheride and followed: Light airs from the Thermy fill

8 am botheride and followed: Rivery Light boys for use for known for the story

White bother on this lost disting to he Hallimers for known forthering

Where to the form.

Where to the form.

Where to the form.

Where how hours 2984 Nathing to he Hallimers for known forthering

Where to the form.

Where how hours and pleasant. Light boys form Light to Le Alliner

Minister made acques for highly ye order of County Officer. The d.S.

The spend and pleasant. Baronella steady of firm of tomage.

The lear and pleasant. Baronella steady by order of tomage.

Officer.

Spend of Mid.

Lieuth and polidiant. Light airs and onego. from St.

All Milliand R. Post Supper Some strong hours.

Spend of Mid.

Lieuth and polidiant. Light airs and onego. from St.

And M. S.

Milliand R. Sost Supper Some strong hours of the made.

Spend of Mid.

Lieuth and polidiant. Light airs and onego. from St.

Examined and found to be correct.

le. K. lemm Lavil-, Navigator.

LOG of the United States Steamer Esser , 3rd Rate,

									V		_	_	-				1000
			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				116 fg 6	11.6kg 6	2			30.28	70	65	63		ba	cir cur	ng	
2				11696	616	2			30.21	70	65	62		4	"	9	
3				2000	* * * * * * * * * * * * * * * * * * * *	2			30.26	69	65	62		4	4	9	
4				116 by 6	16 by 6	2			30.26	69	63	61		4,	4	9	
5				6 byll		2			30.26	69	63	61		4	none	10	-
6				86 by S	4.	2			30.24	665	63	61		bene	cir st	-9	
7				686	4	1			30.25					4	"	9	
8				*	4	1			30.28	-63	-63	61		"	4	9	1
9				Gast.	116	2			30.28	67	67	64	-	4	4	9	1
10				6 byll	"	1			30.28	68	69	60	-	be		9	
11				Gast	" "	1			30.28	69	71	66		"	cir cun	48	A S
Noon.				06	606	1			30.28		/			4	"	8	
											1	1				1000	133

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 ,	"
Longitude by D. R.	۰ ,	"
Position at Noon: Latitude by observations of ⊙	0,	"
Longitude by chronometer from Forenoon Observations of ⊙	,	
(Latitude by	0 ,	"
Position at 8 a. m. Longitude by	۰ ,	"
(Latitude by	۰ ,	"
Position at 8 P. M. Longitude by	۰ ,	"
Current during the time, knots tenths per hour, setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	۰ ,	"
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 ,	"
Variation of the Compass by Azimuth ⊙ observed at "	۰ ,	"
Variation of the Compass by Azimuth ⊙ observed at "	. ,	"
Water expended during the preceding 24 hours,	4	476 gallons.
Water Distilled during the preceding 24 hours,	de de	76 gallons.
Water remaining on hand fit for use at Noon,	28	1357 "
Coal consumed during the preceding 24 hours,	/ tons c	345 lbs.
Coal remaining on hand at Noon,	/ tons 0	365 "

P. M.	0 \$	200			1		
1	26	686	3	30.26 71 7/67	be	ciè cui	49
2	"	,	3	30.24 7/ 7/67	"		8
3	0	"	3	30.23 72 -1 68	"		8
4	East	4	3	30.22 72 71 68	a	4	8
5	"	*	3	30.20 72 -1 68		4	6
6	6 by 8	g"	3	30.19 72 70 66	*	4	4
7	Gast	Cast	3	30.19 76 70 66	4	4	6
8	6716	6716	3	30.19 76 69 66	4	4	7
9	,		3	30.19 75 68 65	4	6	6
10	,,,,	." a	3	30.15-75-6764	4	9	5
11	1/6	16	3	30.16 74 66 63	,	. 4	3
Mid.	,	,	3	30.16 72 65 63		6	2
							1 4 9 3

Commences and until 4 am. Clear and foleasant. Light breeze from ME by 6 and EME 4 to 8 pm. Spight-and foleasant. Baronester steady. Light breeze to Light airs from ME by 6.
Clear and poleasant. Light breeze from 16 by 6 and 616
Jugo Intomar
4 10 8 pm , \ (int. 21.8.11.
plopight-and pleasant Daronister steady. Light-bruge to light
aus from Moby O.
Jan lo Marid. Sient U.S. M.
I am 1- Merid. Sight - airs and bruges from 16 and 686.
Ul-9.00 made sig Sites 1017, Ballimore enid aff. Wird bedding Comog Office
made call on board of M. S. Cleopatra Mil 11.15 made sin Indera 2246
Baltimore and piped down aired bedding at 1.30, The Comogly
assigned the following punishments: Dig M. Linchey (LH) 3 days 22 hours
Diling (d) Fighting, - Each reduced to 2" class: R. Jost (8. Apped) 5 Toy
Delroy (do) Sighting, - Cach reduced to 2" class. N. Josh S. Mapped stay
conforment on oreal & water after coming off sick his for fighting.
Confirment on breat & water after coming of sick list for highting.
Clear and pleasant Lentle breeze book 686 the
Merid to 4 form. Elear and pleasant Lentte brige from 686. The Muguayan gunboat Sent Rivero went into dry dock the June State of June 11 to Jun
Jarge Flekolman
He & pres Loudy, Lenthe breezes from Cash to 616.
Vartially cloudy, Sentle breezes from Gost to 616.
8 bon 1- Wil will
Some in manight
Quantity of Quantity of
8 pm le Midnight - Ensign d. S. H. Ensign d. S. H. Ensign d. S. H. Grant de St. H. Grant de S. H. Grant de S. H. Grant de S. H.

Examined and found to be correct.

le. U. leuren Laid: Navigator.

LOG of the United States Steamer Essex , 3rd Rate, Ul- Montevideo, Uruguay.

											_	_						
10				Reading		WIND.				BAROMET	TER.	TEMP	ERAT		State of	Forms of	Hear ths.	e Sea.
Hour.		Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. :					116	116	3			30./5	72	63	-60	3	00	cum st	-0	
1	2				"		2			30.14					be	4	4	
1	3				,	4	3			30.12	/				4	*	4	
4					40400	4	3			20.11	69	65	60	3	4	4	5	
	5				1116	4	3			30.10	69	64	63	3	4	4	2	
6	3				16	4	3			30.11	69	64	62	9		cir quae	2	
1	7				116 hyll	11116	3			30.//	64	66	-62	,	,4	4	3	133
1	8				116	* 1	2-4			30.11	67	66	63	,	beefo	str.	2	
!	9				11646	116	2			30.//	60	-67	64	4	be	cir cun	27	
10)				6116	,	3			30.10		/	100		4	4	7	13/19
11					4	4	3			30.11		/			4	4	6	13:33
No	on.				116		2			30.10	Charles and the	/			4	4	6	18.33
											/		/				1	

Course and distance ma	de good since preceding noon by observations,	knots. tenths.
(1	atitude by D. R.	0 / //
1	ongitude by D. R.	o , ,,
Position at Noon: I	atitude by observations of ⊙	o , ,
[1	ongitude by chronometer from Forenoon Observations of ⊙	0 , / "
(L	atitude by	0 / 1/
Position at 8 a. m. {	ongitude by	0 , ,,
(L	atitude by	• , ,,
Position at 8 P. M.	ongitude by	, , ,
Current during the time	knots tenths per hour, setting to the	
Variation of the Compa	ss by Amplitude ⊙ observed at Sunrise, ship's head	0 , ,
Variation of the Compa	ss by Amplitude ⊙ observed at Sunset, "	0 / //
Variation of the Compa	ss by Azimuth ⊙ observed at "	0 , ,
Variation of the Compa	ss by Azimuth ⊙ observed at "	0 / //
Water expended during	the preceding 24 hours,	448 gallons.
Water	during the preceding 24 hours,	. "
Water remaining on ha	nd fit for use at Noon,	2417 "
Coal consumed during	the preceding 24 hours,	tons 400 lbs.
Coal remaining on hand	l at Noon,	24/7 " tons 400 lbs. 92 " 965" "

1	P. M.	200	0 0 0			1		
3 30.08 73 73 69 " " 8 30.08 73 73 69 " " 8 5 65 6 65 6 3 30.07 74 7269 " " 8 5 60.06 72 71 68 " " 9 60.06 72 71 68 " " 9 60.06 72 71 68 " " 9 60.06 72 71 68 " " 10 10 10 10 10 10 10 10 10 10 10 10 10	1	Coly of	Jo fy Do	2	30.10 73 72 67	de	cie aum	.6
4 636 636 3 30.07 74 72.69 4 9 5 625 636 3 30.06 72 71 68 4 9 7 636 636 3 30.06 76 71 68 4 1000 16 8 645 6 166 2 30.09 76 71 68 4 10 10 11 16 2 30.08 76 69 66 4 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	6456	636	2	30.09 74 73 68	*		8
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3	6 by	6 by	3	30.08 73 73 69	4	4	8
6 3 30.06 72 71 68 1000 10 8 6 9 1 3 30.06 76 71 68 1000 10 8 6 9 1 16 16 2 30.09 76 71 68 10 10 11 10 2 30.09 76 69 66 4 10	4	626	636	3	30.07 13 12 68	4	4	7
7 686 616 3 30.06 76 71 68 6 200 10 10 10 10 10 10 10 10 10 10 10 10 1	5	Cast	Cast-	3	30.07 74 7269	*	*	8
8 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6	900	0 40 0	3	30.06 72 71 68	.,	4	9
9 East- 11Ely & 2 30.09 76 71 68 " 10 10 116 2 30.08 76 69 66 " 10 11 " 2 30.09 76 67 65 " 10	7	600	6/16	3	30.06 76 7/ 68	6	none	10
9 10 16 16 2 30.09 76 71 68 " 10 10 11 1 2 30.08 76 69 66 " 10 11 " 2 30.09 76 67 65 " 10	8	6 by 1	und n d	3	30.09 76 71 69	"	4	10
11 " 2 30.09 76 6765 4 4 10	9	Cast	16 46	2		4		10
	10	16 by 6	1116	2	30.08 76 69 66	4	a	10
Mid. 1 by 6 16 2 30.08 75 68 66 " " 10	11	2000	6/8	2		4		10
	Mid.	1 by 6	116	2	30.08 75 68 66	4	"	10

Commences and until Ham.	1
Commences and until Ham. Partly cloudy, pleasand weather. Senthe	-1 / 2/2
Jarry cloudy, pleasand weather. Denlie	buege from 116.
	of throng
4/1-8 1211.	Sind 1/891
The damen, of the second	pagain.a.s.M.
Cloudy with payer Aqual last hour.	Xight to moverate briege
from 16 and 116. Execution Morning order	s. M-7.30 Baltimore
Jan 5 Sins vineral Beck in Van Delat-law in	1/1/2///
mare once eighar. Tella in vay vigo, for us	of crest 1//2 lor rach
fresh beef and vege tables and 94 los bread.	0
	Musione
Jon 16 and 116. Executive morning order fresh beef and vege tables and gt lbs bread. I am li-Merid. Sam li-Merid. Staring. Light to gentle bregge for	gt 9/ 1/1
sum u mua.	pulign U.D.M.
Cleaning . Light to gently briefs fr	me 16. Ul 9.30 junsteris
at quarters at -0.45 I made signal expanding men	be of sick held the signal
1-1.	-1 /1
at quarters: at 9.45 I made signal reporting norm	L-down and discon
times of the routine signals:	O
	Sind Istable
M .11-116.	good of Landen
Mond le 4 pont	Liegel U.D.M.
blear and bleasant. Sight-to malle	- breeze from Chush
Call Plub Sul 191 19:10 7/87	
Merid lo 4 pm. Color and phasant. Sight-li gentle 686. P. Ast. Syrgion Gline Diele U. S.M.	was actached from
duly on his U.S. Onuiser Baltimore and reported	for duly on this ship by
duly on his U.S. Chuiser Baltimore and reported	for duly on this ship by
duly on his U.S. Onuiser Baltimore and reported	for duly on this ship by
duly on he Il S. Chuiser Baltimore, and reported direction of he Secretary of the Wavy, al 2.00 the 21%	So buiser Baltimore
duly on the I.S. Opiniser Maltimore, and reported direction of the Secretary of the Wavy, al 2.00 the Des	So duly on this ship by S. Epiciser Baltimore
duly on the I.S. Opiniser Maltimore, and reported direction of the Secretary of the Wavy, al 2.00 the Des	So dudy on this ship by S. Epiciser Baltimore
duly on the I.S. Opiniser Maltimore, and reported direction of the Secretary of the Wavy, al 2.00 the Des	So duly on this ship by S. Epiciser Baltimore
duly on the I.S. Opiniser Maltimore, and reported direction of the Secretary of the Wavy, al 2.00 the Des	So dudy on this ship by S. Epiciser Baltimore
duly on the I.S. Opiniser Maltimore, and reported direction of the Secretary of the Wavy, al 2.00 the Des	So dudy on this ship by S. Epiciser Baltimore
duly on the U.S. Opiniser Maltimore, and reported direction of the Secretary of the Wavy, al 2.00 the Des	So dudy on this ship by S. Epiciser Baltimore
duly on the I.S. Opiniser Maltimore, and reported direction of the Secretary of the Wavy, al 2.00 the Des	So duly on this ship by S. Epiciser Baltimore
duly on the I.S. Opiniser Maltimore, and reported direction of the Secretary of the Wavy, al 2.00 the Des	So duly on this ship by S. Epiciser Baltimore
duly on the I.S. Opiniser Maltimore, and reported direction of the Secretary of the Wavy, al 2.00 the Des	So duly on this ship by S. Epiciser Baltimore
duly on the U.S. Opiniser Maltimore, and reported direction of the Secretary of the Wavy, al 2.00 the Des	Sich Il Sill. Sich I Sill.
duly on his U.S. Onuiser Baltimore and reported	So dudy on this ship by S. Epiciser Baltimore

LOG of the United States Stramer Esses "
Al- Montevider, Uniquely

			Reading		WIND.				BAROME	TER.	TEME	PERAT		State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S
A. M.				116	116	1			30.09	72	68	63	-	les	ai cum	9	
2				*		1			30.09	70	68	65	-	les	none	1	
3				2000	4	1			30.08	71	68	68	-	*,		10	
4				Mby 6	4	1			30.08	70	68	66		be	cir dr	9	
5				1116	•	1			20.08	69	68	66		*	cum	9	
6				11 by 6	210	2			30.10					bene	cum str	- 8	136
7				ms yr	11/11	1			30.//	69	64	66		oem.	A CONTRACTOR OF THE PARTY OF TH	- 8	
8	-			8891	North-	/	-		30.12	68	68	66		bene	4	1	-
9				86	40018	2			30./2	69	67	66				2	1
10				11160	11116	2			30.13		1			4		6	-
11				616	Morth-	2			30./2	71	71	68		be	cir cum	8	-
Noon.				116	"	1			30./2	72	72	69		"	4	9	1

Course and distance ma	ade good since preceding noon by observations,		knots.	tenths.
(Latitude by D. R.		· ,	"
	Longitude by D. R.		0 ,	"
Position at Noon:	Latitude by observations of ⊙		0,	"
	Longitude by chronometer from Forenoon Obse	rvations of ⊙	0 ,	" "
(1	Latitude by		0 ,	, ,,
Position at 8 a. m.	Longitude by		0 /	, ,,
(1	Latitude by		0	, , ,
Position at 8 P. M.	Latitude by Longitude by		0 1	, ,,
Current during the tin	ne, knots tenths per hour, setting	ng to the		
Variation of the Comp	pass by Amplitude ⊙ observed at Sunrise, ship's	head	0	, ,,
Variation of the Comp	bass by Amplitude O observed at Sunset,	u	0 /	, "
Variation of the Comp	ass by Azimuth ⊙ observed at	u .	0	, ,,
Variation of the Comp	ass by Azimuth ⊙ observed at	"	•	, "
Water expended durin	g the preceding 24 hours,		3	95 gallons.
Water	during the preceding 24 hours,			" .
Water remaining on ha	and fit for use at Noon,			22 "
Coal consumed during	the preceding 24 hours,		tons	400 lbs.
Coal remaining on han	nd at Noon,		92 "	565 "
		and the same of the same of		

P. M.	.100	2/ 0 1 4/			1	
1	May 6.	ME by M	2	30.11 74 73 69	be	cir cum 6
2	86	256	2	30.11 74 73 70	"	. 6
3	EME	\$6	3	30.10 74 72 70	4	" 7
4	\$6	East	3	30.10 74 72 70		" 7
5	Gast	Cash	3	30.10 73 72 70	*	" 7
6	El S	81.8	2	30.11 73 72 69	4	" 77
7	E by &	E by S	2	30.11 76 72 68		1
8 9	East-	6/1/6	3	30.12 77 72 68	1	nonz 10
10	No ass	1000	3	30.12 77 7/ 69		
11	"	"	3	30.12 76 71 69	"	4 10
Mid.	"		2	30.12 74 69 67	1	. 10
				/ / /		

Commences and until 4am.	,
Commences and until 4 am. light-air from ME. J.	D 1 9.
It.	Kn Mason Held.
11 -0 7 4 4 7	1 91-8 31
Sight airs to light brige from Mile Lo Morth	1
Il- I dight wise to right bridge from the forth.	· Clouding over after
the frest hour with low misty send. Heed on board for	use of acr 117/2 lbs-
the first hour with low mish sent Recid on board for each fresh but and vegetables - and gulbo : bread. Ul 7,000 Jan	llapoda masa dress
signals and at 7.30 time signal. Il 7.30 Cosses ma	de signal Inting 6071
and let. Ill-7.45 coosed royal wards:	
and Off. Al-7.45 cossed royal yards: 8 am lo Meyd Cloudy and mish fish part, cleaning la	John Luly Johnson
Sam lo Megid	Sient 2/8 1/
bloudy and with list back chaired	11=1-1-1
11 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1	E My water.
Lendle breeze to light dus from Horth and MI	o. Ul 9.30 envocated
at quarters and fead divipional exercises: M. To	of (S. appozel) was
Lendle breeze to light airs from Morth and MIN at guarters and fead divisional exercises: R. Po confined in he brig on bread & water for 5 days of for fighting.	y order of Comog. Offer
for Lighting.	1 11
	~ VIII Lucy
Meris to 4 form. Ciped down sout and wash clother.	Sizet. 21.8.11.
flow weather hight to accept - hours	1/6/186
Ph 1 1 miles with the source	from WO 21 EN.
Uped down sout and wash clother.	meh g
	1. 112 10000 / 1111
4 15 8 pm.	ousign U.S.M.
a Clear and pleasant Denthe to light.	- preege from Cash
and Ely S. Al-6, or made Intreg. 6068 and so yard and bent light - sails:	ent down light -
Harot and bent-light-sails:	
	Arriene
2 hore to Millerid	Lieut, U.S.M.
Spirit will-house	6 7/6
8 pm h- Muid. Elear and fine, gentle-breeze, from	the P. the . 9
	11: Ilm masing fully
	Cysignal. D.M.

Examined and found to be correct.

le. K. leurtin Laint Navigator.

LOG of the United States Sleamer Essex "
Montepideo, Uniquely

			Reading		WIND.				BAROME	TER.	TEMP	ERAT		State of	Forms of	Hear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att/d.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the Se
A. M.				MELIN	6116	2			30.11	73	68	66		b	none	10	
2				1116	41410	2			30.//	72	68	66		"	4	10	
3				Morth -	11116	2			30.11	72	67	63	-	*	4	10	
4				Il by G	*	2			30.12	/				4	4	10	33
5				Morth -	61 1	3			30.13	70	63	-64	4	121	cum	0	
6				1191	Morth-	3			30.13	70	65	-64	4	4		0	
7				20000	4	2			3010	60	-65	64	4	4	4	0	
8				11 Chy 6	4	2			30./5	-69	65	65	-	4	4	0	
9				Cost	•	1			30.16	68	68	67		be	cir nine	47	
10				, "	-10	1			30.17	71	72	70		4	circus	ug	
11				26	116	1			30.17	-		12.		4	4	9	
Noon.				DE by 8	6116	1			30.16	/	/	1		4	"	9	
															1200	/	

Course and distance	made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0	. "	
	Longitude by D. R.	0	, ,,	
Position at Noon:	Latitude by observations of ⊙	0	, ,,	
	Longitude by chronometer from Forenoon Observations of ⊙	0	, ,,	
	(Latitude by	0	, ,,	
Position at 8 a. m.	Longitude by	0	, ,,	
D. C. C. D. W.	(Latitude by	0	, ,,	
Position at 8 P. M.	Longitude by	۰	, ,,	
Current during the	time, knots tenths per hour, setting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	• •	, ,,	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0	, ,,	
Variation of the Con	mpass by Azimuth ⊙ observed at "	0	, ,,	
Variation of the Con	mpass by Azimuth ⊙ observed at "	•	, ,,	
Water expended dua	ring the preceding 24 hours,	4	420 gallons.	
Water	during the preceding 24 hours,		u	. (
Water remaining on	hand fit for use at Noon,	/6	02 "	
Coal consumed duri	ng the preceding 24 hours,	tons	/263 - 1bs.	
Coal remaining on h	hand at Noon,	91 "	1550 "	

M. 1	26	686	3	30/5- 75-75-71	be	circum q
2	"	"	3	30.13 74 74 70	*	. 0
3	,	,	3	30.11 73 74 40		" 9
4	E by N	4	3	30.09 75 73 70	4	. 9
5	Chyll	Gast	2	30.09 73 73 70	4	. 8
6	0,	Jo by Il	2	30.08 76 72 70	14	. 8
7	Chys	6716	2	30.09 75 72 70	4	cirque 7
8	6116	116	2	30.0976 73 70		. 7
9	10	"	2	30.10 18 73 69		. 8
10	n.E	+	2	30.10 78 73 69	b.	none 10
11		*	2	30.10 78 71 68	be	cum sti. 9
fid.	ME by &	*	3	30.10 77 69 67	•	. 9

Commences & until 4am.	
from Elle and Will.	leady, light beege
from police and MING.	2 1. Murden
4 lo 8 am.	Licet U.S.M.
Morth - Talla poor made time and dress sign	ese from MM 6 and
Hoth - Talla poor made time and decer signal 6069 x at - 7.45 crossed top gallant and poyal y	ardi:
gazu lo-Mheid.	Sizul ISM
guartus and exercised at-sail drill. Il Board	orth 1. 16 Mustered at-
Quartus and istercised at sail drill. Il Board Linds Comp. Impey USA. was senior member, co	on Durvey of solich,
survey of articles in Equipt By order of Come	og. Officer the patiting of
Limboldo and D. Callan Indan Apprenties were from March 22 = 1891.	Manget to Sea. apply delan
from March 22 = 1891. Meris h-4 pres. Bright-and pleasant: Baronicher fal	Mr. Ring Mason Fuld.
Meristo 4 por	Vinsignal . D. M.
686.	y . Denne Juiges from
Hade signal Interior weather light-briege of yards: Served out clean hammiseks:	J. Henton
Clear fine weather light-burge of	your Cand 6/16.
Made signal Interior 6068 and schol-down It	to gallant and royal
gain. Sould out aran ramment.	M. My Mason tild.
8 fom to Mid	Custant. S.M.
yards: Served out clean hammicks: 8 fom lo-Mid, blear and pleasant-Bright-moo. Light-breeze from Mb.	nugni - Maroniek & Sitaly
	Lieut-U.S.M.
	Cleur-a. D.V.

Examined and found to be correct.

le. M. leurs.

LOG of the United States Steamer Essex Ul- Monterideo, Uniquay.

Reading		Reading		WIND.				BAROMETER. TEMPERATURE.			81-1-		lear bs.	Sea.					
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Heel.	Heel.	Heel.	Leeway.	Height in inches. There att'd	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				MAE	1116	3			30.09 7	5-68	6,	7	ben	cir sh	-4				
2					"	3			30.08 73	- 68	6	,	4		4				
3						3			30.07 74	168	66		"		4				
4						0			30.07 7	4 68	66		4	"	2	1333			
5						3			30.06 7	3 60	166		10.	"	1				
6				4		0			30.07 7	2 68	66		4	strat.	1	1919			
7					*	3			30.05 71		11		oe.	4	0				
8				0		3			30.05 72	2 68	66		be	4	1				
9				6/16		3			30.06 71	70	68		4	4	1				
10				Co by D	4	3			30.06 7	2 71	69	,	"		1				
11				676	4	2			30.04 7.	3 74	4 70		"	4	1				
Noon.				116	4	2			30.03 74	75	-71	-	4		1				

Course and distance	made good since preceding noon by observation	knots.	tenths.		
Position at Noon:	Latitude by D. R.		0 ,	"	
	Longitude by D. R.		0 ,	, ,	
	Latitude by observations of ⊙		0 ,	, ,,	
	Longitude by chronometer from Forenoon C	Observations of ⊙	0	"	
Position at 8 a. m.	∫ Latitude by		0 1	, ,,	
	(Longitude by		0	, ,,	
Position at 8 P. M.	\(\text{Latitude by} \)		0	, ,,	
rosition at 8 r. M.	Longitude by		0	, ,,	
Current during the	time, knots tenths per hour, s	etting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head				, ,,	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset,	"	0	, ,,	
Variation of the Con	"	0	, ,,		
Variation of the Compass by Azimuth ⊙ observed at "				, ,,	
Water expended during the preceding 24 hours,				O Tgallons.	
Water	during the preceding 24 hours,			"	
Water remaining on	hand fit for use at Noon,		120	12 "	
Coal consumed during the preceding 24 hours,			tons	12 " 400 lbs.	
Coal remaining on h	Coal remaining on hand at Noon,				
			91"		

P. M.								
1	6716	686	2	30.0230.02 76 77 73	oe.	cir cun	0	
2	686	4	2	2 29.99 76 76 71	4	4	0	
3	\$6	*	2	29.97 76 76 72	4	"	0	
4	Gast	,	2	29.96 76 76 73	u		0	1
5	6/16	Cast	2	29.95-76 75-72		4	0	
6	16	6/16	2	29.94 76 75 71	4	*	0	1
7	1116	"	3	29.94 78 75 72	4		0	-
8	200	"	1	29.94 79 76 71	ael		0	1
9	86 by 6		3	29.94 78 74 71		4	0	1
10	E by S	41 0 1 0	3	29.94 78 73 71	"	4	0	
11	6 by 11	116 by 6	3	29.93 79 73 70	и	4	0	-
Mid.	116	1116	2	29.92 80 72 70		-	0	1
								1

under the command of Commander A. S. Snow Wednesday, March 25-4-

, U. S. Navy, , 18 9/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until	4021.	
Jonneences a until to Darially Cloudy weather fresh provisions for and crossed top galla 8 am to Mais. be light-berged from daill. Broth out an	- breeze from MME.	A a c
41.000		M. M. Styne
Partially dinto weather	agentle breeze from	MME. Heid in Pay Delph
fresh provisions for	I use of Shift. Made go	nel signal Intog 6 144.
and crossed top galla	ent yard.	Ir Rombour Fill
8 am to Mais.		Janga U.S.M.
1. 1. A Gloudy an	of warme, Bacometer	falling slowly Dereff
drill. Beoth out an	o cleaned has and mes	is locked on but deck?
300 0		o J. Huyley
Merid & 4 frm	5.1.5 2.0, 1	Lieut. U.S.M.
12.50 mass signal	Intreg. 3948 Tallapoosa	ansid aff. piper down
scrubed hammock.	· al-100 went to- que	ger from ESE. At- ansie aff. piper down arter and turned in
dean hammocks		amsto.
4 6-8 form.		Ensignal S.M.
Jorne ast	- Baromeler Steady	Light to gentle breeze
from 6116. Dig	Mining to Did and Mi	Sieut-d. S. M.
8 pm lo-Mid.		Sixul-U.S. May
An 11- P Vorga	st and cloudy with light on 6116 light.	haing to Dd and Mid
Denser pringe prov	CONGA.NO.	meston
		Ensign U.S.M.

Examined and found to be correct.

le. K. leursis Lair Navigator.

LOG of the United States Steamen Essex , 32 Rate, Montevideo, Uniquely.

			Reading		WIND.				BAROME	ETER.	TEMI	ERAT	TURE.	State of	Power of	lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leewny.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				11116	Morth-	2			29.90	1 18	72	70		och	nimb	0	
2				16	16 by fl	2			29.93	18	71	67		05	+	0	
3				1116	11116	1			29.92	78	71	68		be	cir cum	2	
4				2000	i Oh	/			29.91	77	70	67		4	4	2	133
5				1101101	2/301	3			29.90	74	170	67	3.5	4	cir cum	- 3	
6				11 Toby W	220	2			29.90	72	71	70		4	4	4	
8				Ser 1-	200	2			19.90	72	71	69		*		6	
9				2 South	4	3			29.90	74	71	69			cir cun		
10				26 h 6	6	3			20,90	75	72	69		4	4	8	
11				200	wasr-	4			29.90	7	72	10		4	-	8	
Noon.				"	- 4	2			29.90	76	75	-71		4	R K	8	
									7.70	1	/	//					

Course and distance	made good since preceding noon by observations,	knots.	t	enths.
	(Latitude by D. R.	0	,	"
D N	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ⊙	0	,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
Position at 8 a. m.	\(\text{Latitude by} \)	0	,	"
Position at 8 a. m.	(Longitude by	0	,	"
Position at 8 P. M.	(Latitude by	•	,	"
Position at 8 P. M.	(Longitude by		,	"
Current during the	time, knots tenths per hour, setting to the			
Variation of the Co	mpass by Amplitude o observed at Sunrise, ship's head	0	,	"
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at "	•	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at "	•	,	"
Water expended du	ring the preceding 24 hours,		424	gallons.
Water Willi	during the preceding 24 hours,		3/0	, «
Water remaining on	hand fit for use at Noon,	/	090	, "
Coal consumed duri	ing the preceding 24 hours,	tons 90 "	14	431bs.
Coal remaining on l	hand at Noon,	90 "	194	4.5 "
		/		

P. M.	e	000			1		
1	Cash	26 by 6	2	29.91 75-74 71	le e	circum 7	
2	6 by d	316	2	2990 76 74 70	u	. /	
3	116 kg &	4	2	29.59 74 74 71	u	. 7	
4	428	4	2	29.89 73 74 71	4	4 7	
5	716	4	2	29.89 73 7471	"	" 7	
6	4	*	2	29.89 70 73 71	j,	" 7	
7	,		/	29.91 79 73 71	bel	" 8	
8	Cash	"	/	29.92 77 73 71		" 6	
9	626	118	2	29.93 79 73 70	-	x and 4	
10	Soy 6	Sby &	2	29.9381 7269		+	
Mid.		On 1 8	2	29.9382 72 69	-	3	
2110.	They so	Mby S	7	29.93 79 70 68	ocq	cum ramb	

, U. S. Navy, , 18 9/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until Ham.	
Commences and until Ham. Ploudy. Light-freeze to light-airs y Heat-lighthing in the West-first hour	1 11-1-1180 21
ploudy. Dight preeze to light - dist	rom North to Moby M.
Heat-lightiling in the West-first hour 4 lo-8 am. bloudy, blearing latter part. 1 to gentle bridge, Bd.	
	Gind Il Molalana
11/22	Javy To Hagman
4 10 8 am. 1	y siell US.M.
Cloudy, Clearing latter part?	Jarometer steasy. Sight
1- well-hotic Si	
to genue parge Da.	.7/2
	of I. Mogetine
8 am lo Merid	Lieute U.S.M.
5/1 /- 1	888
Olean and pleasant. Right in	organe sury & from \$36
8 am lo Merid. 8 am lo Merid. and East. Al-9.30 musticed at quarties as Al-9.45 mas a poutine signals. Distilling. Merid lo 4 pre.	ut Exercised las foce pouties
11-9.45 more houtine signals - Distilling.	
a final fina	and
911 . ~ 1	Justo Dy & 41
Merid la 4 prix.	Ous page U. D. M.
Merio lo 4 pru. Distilling. Distilling.	1. Not 6 1-86
O. M. Suaran portare, argin per	ge from 2 by to poor.
Destelling.	
	Tura Dem Johnan
11/-0/20	2/1/2/2/2/
Destilling. 4 lo 8 pm blac and pleasant Sight but Lightning to Sid will last part. Dis	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
of blear and pleasant. Sight but	eger and acro from DO.
Lightning 15-Sid & Wid last back Dis	Tilling.
	Home git
1 1 200.1	B. Was One of
8 pm to Mid.	Cusign U.D.M.
Jorgon fish fire houry: Light airs	a Southern book of
Stone and of the state of the s	1-11
follow from pres hours. Digging all	lo light prefer from
to South increasing in force to gentle	ifted to Dell with flaws
L- South - increasing in love to resulted	breeze with mooroute squall
P. I. I. M. I.	. 11-1-11-11-11.
Light sprinkle of tained last troudy me	nurs of warn. Stousted in
Mr Steam lausich . Distilling	1 0 11
	Jana Turkolman
	- 101 112
	1804. U.D.11.

Examined and found to be correct.

le. K. leurs. Zaml Navigator.

LOG of the United States Stamen Essex , 3°d Rate, all-Montenideo, Uruguay.

								1								
			Reading	gorphana empund	WIND.				BAROMETER	TEM	PERAT		State of	Vorme of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leewny.	Height in inches. The	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				S.91.	South-	4			29.93 -	664	6-		beb	rind	2	
2				South-	286	3			29.93 76	1 70	68	,	ac	a	0	
3				256	286	3			29.93 70	6 70	68		4	a	0	
4				a	4	3		-	29.93 7	6-70	68		4	4	0	
5				9,9	4	3			29.927	670	67		be c	cir cum	-/	
6				26	•	3			299273	3 70	67		lem	nimb-	4	
7					4	3			29.93 7	3 70	67		4	•	1	
8				,	"	3			29.93 7	27	16		4	4	/	
9				000	000	3			29.94 7	270	67		acd	4	0	
10				26	206	3		-	29.95 7	3 70	167	100	acz	nimb	0	
11				2648	26 by	3			29.95-7	3 70	68	-	4	4	0	
Noon.				26	36	3			29.95-70	3 70	67		oed	4	0	
								-		1	1			In the later of		

Course and distance	made good since preceding noon by observations,	knots. tenths.
	Latitude by D. R.	0 , "
Position at Noon:	Longitude by D. R.	0 , "
Position at Noon:	Latitude by observations of ⊙	0 , ,
	Longitude by chronometer from Forenoon Observations of ⊙	· , ,
Position at 8 a. m.	Latitude by	· , , , ,
rosition at 8 a. iii.	Longitude by	• , ,,
Position at 8 P. M.	[Latitude by	• , ,,
rosition at 8 r. M.	Longitude by	• , ,,
Current during the	time, knots tenths per hour, setting to the	
Variation of the Co	mpass by Amplitude observed at Sunrise, ship's head	· / //
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0 , ",
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 , "
Variation of the Co	mpass by Azimuth \odot observed at "	0 / //
Water expended dur	ring the preceding 24 hours,	408 gallons.
Water Distill	during the preceding 24 hours,	/4/8 "
Water remaining on	hand fit for use at Noon,	14/8 "
Coal consumed duri	ng the preceding 24 hours,	/ tons/6 75 Tbs.
Coal remaining on h	and at Noon,	89 " 270 "

P. M.	08	000		
1	36	SS 6 3	29.93 73 69 67	oed cum rint 0
2	0000		29.93 -3 69 66	04 . 0
3	SE ly S	SE 3	29.92 -3 69 66	and " o
4	South-	SSE 5	29.92 73 68 66	ocgp 4 0
5	286	,	29.94 7566 64	. " 0
6	*	. 5-6	29.94 75 66 64	0
7		. 526	29.98 74 65 63	0
9	. "	. 5-6	30.00 73 65 63	
10	-818	818 56	30.01 73 65 63	o eg d reint o
11	2888	Sby & 5-6	30.03 -36462	4 0
Mid.	2 6 6 2 8 6	" 5-6	30.03 7264 62	0
		" " " " " " " " " " " " " " " " " " " "	30.03 72 64 6/	

, U. S. Navy, , 18 9/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

/ +1/.
Commences and until 4 am.
South and threatening Moterate to gentle breeze from South-
x 06. Light pain fish half hour. Distilling.
1 marine
410-8 all. 1 1 0 2 & Link U.S.M.
Ho-8 am. Sentle-breeze from Sto. Executed morning oron. Fallafoooda "mast poutries signals - Hecit in Pay Defot: 117/2/2 feet heef and vegetables and 94 lbs bread. Of the stope. 8 am lo-Merid. Distilling. U-9.45 mass poutries signals: Just Authornan
Tallafooda "made pouting signals - flech in Pay Defat: 117/2/
fresh feet and vegetables and get las bread.
1 211 in the state of the state
Sam lo Merid.
Overcast - Sentte breeze, from DE la- 086 . Raining.
Distilling . Ut-9.45 made pollind signals:
Jugo Luftolman
Merid to 4 form.
Distilling Urg. 45 made pouline signals: Merid to the form. Merid to the form. Solowing with occasional light deighting pain till 3.40 when heavy pain set ing. Lentle breeze till 3.50. Stiff equall blow ing at end of watch: Hoisted Steam launch at 3.30. Distilling. 4 to 8 from. Dient Stiff breeze with fresh sounds Som SSE.
when heavy raine seting. Lentle breeze till 3.50 Stiff aquall blow.
ing at Ent of watch: Koisted Steam launch at 3.30. Distilling.
I to the state of
4 10 8 pm.
Overcast Slift beene with fresh squalls som &SE.
Ho & bon. Stiff been with fresh squalls from SSE. Maining . Very rough harbor sea. Distilling . Jung fill software
Junga Lity Johnan
8 form to Mid.
Cloudy with occasional driggling raine Strong beeger
with- mose rate squalls from SSE and Sto by E. Distilling.
8 form to Mid. Sient de Sient de Site de Sil. Constitute occasional driggling paine Strong breeze with most part squalls from SSE and Stope . Distilling.
Lieutiel S. H.

Examined and found to be correct.

Le. V. leuris Zami Navigator. LOG of the United States States Ossex, 3rd Rate,

Montevideo, Uruguay.

										0	/							
				Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of		lear ths.	Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Sea
	A. M. 1				Shy E	8,86	3-6			30.04	7/	64	61		osqu	cum zu	40	
	2				286	*	3-6			30.04	171	64	61		4	4	0	
	3				4	*	3-5			30.04	71	64	61		4	*	0	
	4				. 0000	4	3-5			30.04	-71	64	61		4	4	0	
٠,	1.5	•			26 by 8		4-5	-		30.05	-69	64	60		be	cir. cun	1	
	6				4		45			30.07	69	64	60		4		2	3 3 3
	7					4	4-5	•		30.10	66	63	59		4		3	
	8				4	4	4			30.11	66	63	37	7		4	4	
	9				100	4	4			30.11	67	64	37		+	4	3	
	10				256	4	4			30.13	67	64	3-9		4		J	
	11				26 by 8	•	4			30.14	68	64	59		4		4	
	Noon.				* /		4			30.14				,	4	4	4	
													/			1		

Course and distance	made good since preceding noon by observation	ns,	knots.		tenths.	
	Latitude by D. R.		•	,	"	
D. St N	Longitude by D. R.		0	,	,,	
Position at Noon:	Latitude by observations of ⊙		0	,	"	
	Longitude by chronometer from Forenoon (Observations of ⊙	0	,	"	
Position at 8 a. m.	Latitude by		0	,	"	
rosition at 8 a. in.	Longitude by		0	,	"	
Position at 8 P. M.	Latitude by		0	,	"	
Tosition at 8 T. M.	(Longitude by		•	,	"	
Current during the	time, knots tenths per hour, s	etting to the				
Variation of the Con	mpass by Amplitude o observed at Sunrise, sh	ip's head	0	,	"	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset,	"	0	,	"	
Variation of the Cor	mpass by Azimuth O observed at	"	0	,	"	
Variation of the Cor	mpass by Azimuth O observed at	"	•	,	"	
	ring the preceding 24 hours,		4	440	gallons.	
Water Diste	cles during the preceding 24 hours,		//	180	5- "	
Water remaining on	hand fit for use at Noon,		2	75	45 "	
Coal consumed during	ng the preceding 24 hours,		/ tor	18 2	45 " " " " " " " " " " " " " " " " " " "	
Coal remaining on h	and at Noon,		88 "		20 "	
Coar remaining on h	and at Ivoon,		88 "	-	0 "	

Р. М.	220	100			1		
1	356	886	4	30.13 68 65 37	de	cir cum	5
2	S Eby S	"	4	30.13 69 64 58			1
3	128	4	4	30.13 69 65 54	4	4 4	
4	*	4	4	30.13 69 64 58		4 4	4
5	•	. "	3	30.12 69 6458	4		4
6	0818	"	3	30.12 68 63 58	. 4		
7	86 kg 6		3	30./3 69 63 58		. 4	4
8	26	*	3	00.13 72 63 08	4	4 4	5-
9	26 by 8		3	30.14 72 63 57	4	nimb.	3
10	0	6	3	30.14 73 63 58	4		2
11	26 h 6	,	3	30./3 7/ 63 58	4		2
Mid.	& by &		4	30./3 72 63 58	4	4 4	4

Commences and until 4 am.
Overcast cloudy and dringling raine. Senth to stiff squalls from
water browently over gates ways must shrough houts.
of Branchis
46-8 HM.
Cloude dearing to fair weather More rate heers have & Se
water frequently over garge ways and handed figer. Rough sia. Alifopsing water frequently over garge ways and through footh. I Ry Man Juli. 4 to 8 th. Charing to fair weather. More pate or ecfe. from \$86. with slift squally first three hours. Rough harbon sea. At 7.00 Jallaforesa made dress signals and at 7.30 time signal, July to byon 8 am to Merid. Pleasant weather, more pale herge from \$86. 18. Post Supp
Tallalooned madel day wo signalis and al- 7 noting
China Find Value
8 azul - Meid.
Pleasant weather more rate has been SSE R P. 11-8mil
was released from confinement by order of boundy. Office . aired
bidding. The boundy. Officer asigned the Sollowing Jounish mends wis
6.M. Caver (S. Bugl) flower from his stations when all hands were called,
1 midnight watch: Learly (in. R. Sto) Hot scrubbing hammock,
2 min land to see the deady (1. A. Sto) hot scrubbying hammock -
- minight waters; A. Mojen (Supples) Lupes seet to officers, not saluting
2 mit hight - watcher; A. Rogen (S! Ofosel) Disperspect to officer not saluting home on shore as they passed by him - reduced to 2nd class From a. R. Brown (S. Appel) and n.O. Pilgh (Sea) Late hammocks; - To be called
W. A. Provon D. Upple (and M. C. Vilgh (Sea) Last hamonocks; - To be called
1/2 hour before all hands and slow ham mock Iweek.
M :- 1-1.
Merit lot pour
Sear and fine weather, moderate breege, hong &Sta
Merit lo 4 form Sear and fine weather, moderate besege hong && En Hall. 4/o 8/om Olessent-weather, partly cloudy. Sentle breege from && E. M.
410 8 mg. a. S.M.
Theavant weather party cloudy. Sentle briege from && 6.
John riene
8 form to Mid.
Fair and poleasant, genelle breeze from So. o.
1 /h. May Thange full.
8 fom to Mid. Fair and foleasant; gentle-breeze from SSE. of the Mary till.

LOG of the United States Steamer Essex ", sed Rate, Ul-Montevideo, Uruguay.

			Reading		WIND.				BAROME	TER.	TEMI	PERATU		1	par.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Balb.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Sea
A. M.				SE	86	3			30./2	70	63	37	lea	cir cum	5	
2				*	4	3			30.11	70	63	38	4	4	7	
3				4	4	3-4			30.11	70	63	58			6	•
4				0200	4 2	3-4			30.10	69	63	58	4		6	
5				DG hy D	××6	3-4			30.09	69	63	18	4		3	
6				286	u	3-4			30.08	68	63	38	4	4	1	1
7				4		3-4			30.08	67	63	04	4	4	1	
8				*	4	3			30.08	67	64	58	4	4	5	-
9				"	,	3			30.11				4		57	
10				,	South-	2			00.11			1 /		*	4	
11				1	. 4	3			30./2				4	4	2	
Noon.				4	4	3			30.12	69	66	61	+	4	5-	
														-		

ourse and distance	e made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	0	,	"
N	Longitude by D. R.	o	,	"
osition at Noon:	Latitude by observations of ⊙	•	,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
*** • • •	(Latitude by	0	,	"
osition at 8 a. m.	Longitude by	0	,	"
osition at 8 P. M.	(Latitude by	•	,	"
osition at 8 P. M.	Longitude by		,	"
urrent during the	time, knots tenths per hour, setting to the			
ariation of the Co	ompass by Amplitude ⊙ observed at Sunrise, ship's head		,	"
ariation of the Co	ompass by Amplitude ⊙ observed at Sunset, "	0	,	" }
ariation of the Co	ompass by Azimuth ⊙ observed at "			"
ariation of the Co	ompass by Azimuth ③ observed at "	0	,	"
ater expended du	ring the preceding 24 hours,		42	Ø gallons.
ater	during the preceding 24 hours,			u
ater remaining or	n hand fit for use at Noon,		2321	5- "
oal consumed duri	ing the preceding 24 hours,			400 lbs.
oal remaining on	hand at Noon.	87"		

. M.	000	1			0		
1	226	Sky 6	3	30.11 70 66 61	le	ci cum	4
2	26 ly 8	South -	5	30.10 70 67 62		4	
3	0,00	"	3	30.09 70 66 61		4	
4	686	286	3	30.08 68 66 62	- 4	4	3
5	" 0	,	3	30.06 67 66 63	4	4	4
6	26	4	2	30.06 70 66 61	4	cirnint	4
7	686	South-	2	30.06 73 66 63	4	4	4
8	2 Cby 8	226	2	30.07 74 66 62	*		3
9	286	"	3	30.08 75-66 61	4	cir cum	4
10	10	*	2	30.09 75.66 62	been	4	
11	26	"	2	30.09 75 66 61	"		
fid.	1	"	1	30.09766662	ACH	1	0

, U. S. Navy, , 18 9/.

Commences and until 4am.	
Commences and until 4am., Blear and pleasant. Sentle lo modele SE. Barometer steady & M. Caever S. Bugl) (M. H. Stal) stood exha watch from 12 to 4	ale bruge from
So. Bacometer steady . C. M. Caever S. Bugl)	and Ded. M. Grady
(M.M.Dla) sloot Estra valet from 12 to 4	21-11
46-80mi	Lieut II. S. M
Cloudy but foleasant, Depelle to mode	gate hiere from
SSG. Reed 117/2 lls each fresh beef x ers	actables and 94 lbs.
4 lo 8 am. Sovery but-folgasant. Depelle lo moss SSE. Asid 117/2 lls each fresh out x ore bread in Pay. Defot. Lowered steam lais	ich.
2 2011 - Maril	C. St. Tillury
Fair and blessant light to and him	secur cr. S. C.
South - Mustered and ins level to at quartur and	Sonda. Ollier instorche
South - Mustered and pleasant, light to gentle brug Ship and crew. Made the routine signals at ; Meris to them.	9.45-0
401 . , ,	W. Ky Thas fuld.
Meris to 4/2m.	Contign U.S.M.
1	
from Da	17 Hewler
46-8621.	Lieut 21. S. M.
Partly cloudy, gentle to light - breeze	from SSE and
South -	60 D hot 9 11
0 1-511:1	V. By Warn full.
bloudy morgant last hour Sight- 1	2000 Jon 886
South: Sarly cloudy, gentle to light - breign South: South: South overcast last hour Light - s Barometer strady.	Ja James James
	Lieut-d. S.M.
	View-U.D.M.

LOG of the United States Sleamer Essex , 3rd Rate, Ul-Montevideo Uruguay.

of COURSES STEERED S the Weather, Cle	Prop. of Clear SKy, in 10ths.	State of the Sea.
of COURSES STEERED Patent by Standard Compass. Discretion by Standard C	Ampols. of Common of Commo	State of the
1 S6 SS6 2 30.07 70-66 63 0 C 21	int-0	
2 S6 by 6 " 2 30.07 746764 "	4 0	
3 6698 " 2 30.06 74 67 64 4	4 0	
4 3 30.05-74-67-62 4	4 0	
5 " 30.05.74.67.62 "	× 2	
6 4 2 30.05 7/6762 " cus	in nink 1	-
7 1116 " 1 30.05 68 66 62 he	4 /	
8 Mby 6 06 / 30.06696662 ac ei	strat- 0	,
9 4 / 30.05-706662 be	4 /	
10 S6 by S 4 / 30.05-706662 4	4 3	
11 30.05-706762 "	2 5.	-
Noon. SS6 SS6 / 30.05-706762 4	2 7	7

Course and distance	made good since preceding noon by observati	ons,	knots.	tenths.	
	(Latitude by D. R.		0 ,	"	
	Longitude by D. R.		0 ,	"	
Position at Noon:	Latitude by observations of ⊙		0 ,	"	
	Longitude by chronometer from Forenoon	Observations of ⊙	0 1	, ,,	
	(Latitude by		•	, ,,	
Position at 8 a. m.	(Longitude by		0	, ,,	
D W AR T	(Latitude by		0	, ,,	
Position at 8 P. M.	(Longitude by		•	, ,,	
Current during the	time, knots tenths per hour,	setting to the			
Variation of the Co	mpass by Amplitude o observed at Sunrise,	ship's head	0	, ,,	
Variation of the Co	mpass by Amplitude O observed at Sunset,	u	0	, ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at	"		, ,,	
Variation of the Co	mpass by Azimuth O observed at	"	•	, ,,	
Water expended du	ring the preceding 24 hours,		4	/O gallons.	
Water	during the preceding 24 hours,			u	
Water remaining or	hand fit for use at Noon,		19	16 "	
Coal consumed duri	ing the preceding 24 hours,		tons	400 lbs.	
Coal remaining on l	hand at Noon,		87 "/		

P. M.	7 0				0		
1	86	886	1	30.05-68 68 63	be	cir um 8	
2	000	4	1	30.05-68 68 63	H	" 9	
3	6,8,6	40	2	30.0467 6863	4	. 9	2
4	Cast	26	2	30.04676863	4	" 9	
5	6 by	4	2	30.04-69 68 63		. 0	4
6	E dy 1	4	2	30.04706863	4	" 9	
7	16 by 6	4	2	30.04716763	4	" 9	
8	Cash	1	2	30.05-146763	4	" 9	100
9	808	9	1	30.06 75-66 62	*	. 9	
10	686	Gast	1	30.0 77466 62	6-	none 10	
11	86	"	1	30.07 746663	п	4 10	
Mid.	"	11	1	30.07 1266 63	*	. 10	1
					A STATE OF THE PARTY OF THE PAR		

, U. S. Navy,

Commences and until 4 am.		1
Sommences and until 4 am. Overgast and cloudy. Light li Leo. Mi Leachy (r. R. Stoff stood mit, with 4 lo 8 am. Senerally overcast - light air and at 7.45 crossed royal yards: 1.	gentle-breezes of	hom & SE x & 8%.
DEO. M- Leachy (1. M. Sto) stood mit will	leh - for punish me.	ut. Cul -
4 lo 8 am.	. 6	nsian (1.8.2)
og Generally overcast- light-air	es - to-light - breeze	from SSE 10-
06. In Tallapoosa made routin	e signals - M.	edi gen, sig. Intrig 6171
ans at 1.45 crossed royal yards:	(sell fresh provis	W. D. Mass of crew.
8 am to Merid.		Judian I.S.M.
8 am to Merid.	Eno of watch, - 1	arometer stegsy.
Wight-airs from St and SSE Went-to-quadris Exercises as follow	. Ul- 9.30 loose o	sail is a bunttine
2 m l. 1, 1 1-11 - 25 l. 1.	1 + 1 /	+
211	Jyaana.	Mewter
Meris to to form.	1 Lie	il- 2. S.M.
blear and pleasant wight - ai	es - X priegro. from	~ 886. Ul-12.00
Ul-3.30 Tallaboosa mas sia 2984	bilord down so	ub land wash clother.
Meris to thom. Blear and pleasant: Light - air mase sig Intera 4826: Tallaparosa Ul-3.30 Tallaparosa mase sig. 2984	1	moson Il. Il.
De Sent-down light-yardi	al- 1-4"	Light-brigg from
Joe Sim asoure light yarss	0.70	1 Heylon
I pom to Mist.	1 / 2/18	in D. S.M.
I fom to Mis. Clear ans pleasant Ligh	il- airs from	Insime
		neign U.S.M.
		1

LOG of the United States Steamen Essex "

Of the United States Steamen Essex"

Of the United States Steamen Essex"

							-	0			-	-		100000000000000000000000000000000000000		-
			Reading		WIND.				BAROMETE	R. T	EMPER	ATURE.	State of	Forms of	lear ths.	e Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	ier. d.	Air, Wet	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				36	SE,	1			30.08	60	666	8	low	none	10	
2				111191	Morth -	1			30.08 6	676	56.	3	*	4	10	
3				4	61618	1			30.086	80	656.	2	4	4	10	
4				40 % 00.	1116,	1			30.086	686	3 6	1	*	44	10	
5				Il by Is	Morth-	/		-	30.096	8	636	1	4	*	10	333
6				11/1/1	4	1			30.09 6	66	613	9	1	cirotra	1-9	
7				Il Il by IN	4	2			30.096	40	600	7	bem	4	9	100
8				1111/10	4	2			30.106				4	4	9	13.5
9				Il by Ir	4	1			30.116	86	764	4	4	cir cun	19	133
10				018	4	1			30.12 6		/		,	4	9	
11				Day 6	100	1			30.11 6	19	706	6	de	"	9	1
Noon.				26 by 8	\$ 8 9v	1			30.11 7	0	706	5	"	4	9	

Course and distance	made good since preceding noon by observation	ons,	knots.	tenths.
	(Latitude by D. R.		0 ,	,,
	Longitude by D. R.		0 ,	"
Position at Noon:	Latitude by observations of ⊙		0 ,	"
	Longitude by chronometer from Forenoon (Observations of ⊙	0 ,	"
	(Latitude by		0,	"
Position at 8 a. m.	Longitude by		0 ,	,,
	(Latitude by		0 ,	"
Position at 8 P. M.	Longitude by		0 ,	"
Current during the	time, knots tenths per hour,	setting to the		
Variation of the Co	ompass by Amplitude o observed at Sunrise, sl	hip's head	0 /	"
Variation of the Co	empass by Amplitude o observed at Sunset,	u	0 ,	"
Variation of the Co	mpass by Azimuth ⊙ observed at	u	0,	"
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0 ,	"
Water expended du	ring the preceding 24 hours,		41	7 gallons.
Water	during the preceding 24 hours,			
Water remaining on	hand fit for use at Noon,		149	8 "
Coal consumed duri	ing the preceding 24 hours,		tons /2	55 lbs.
Coal remaining on l	hand at Noon,		149 tons /2 87 " 2	05-"
			/	

1 26 56 1 30.10 70 70 65 be circum 2 " 1 30.09 71 70 64 4	
	7
3 " 2 30.09 72 7065 " cir our	7
4 " " 1 30.08 72 70 65 " "	7
5 Cast Cast 1 30 07 72 70 65 " " "	9
8 16 " 1 30.07 73 7065 " "	9
7 " 1 30.07 74 69 64 " "	9
8 " 30.07 75 69 65	9
9 6/16 " 2 30.06 75 68 65" " cie cum	9
10 2/6 2 30.06 76 67 64 " " " " " " " " " " " " " " " " " "	8
11 6/16 2 30.06 74 66 63 " "	
Mid. " 11 11 6 3 30.04 7/6663 " "	8

Commences; and watel 4 ans	
Commencer and until 4 am. bleaz and poleasant- Bright-mornlight- from SE to - ME.	We am down P-1.
from SEL-11/16	weavy acro: a ight air
Jame G. D. H. M. C.	Fina Tikl Sol
4/0-8 am.	List II & II
Clear and pleasant - Barometer steady.	Light-airs- to-light-
breeze from North- Crossed light gardo- alt-7.	46-
	g. M. Mewlen
8 am to Muid.	Link 21. S. M.
Clear and pleasant: Light airs from the	Jorth and SSM. alg. so
must Ered at quarters and Exercised exercised at clea	ring ship for action
fine 18 min. 16 sec. Ul-9.45 made poutine sig.	wall - Clased J.M. Time.
non (Dea) und Er sentago charge for being und	influence of liquor,
from Stobo - 1816. 4 lo 8 am. blear and pleasant - Barometer steady. breeze from North - Crossed light gards - all - 7. 8 am to Maid. blear and pleasant: Light - airs - from he mustered at - quarters - and exercised seems at clea time 18 min. 16 sec. At - 9.45 made pouting sign non Sea) under senting charge for being und by order of Combg. Officer.	0
Merid to-4 pm. Cool. Light-breeze h-ligh	Ensign a. S.M.
Miria to 7 pm.	morgn a. D.M.
Serar and coor. Tight breeze to ligh	- agi from 66.
4/= 0 han	Lient U.S.M.
Hent- the Squarters at 5:50 and served out clear	The State of the state of
Compa Office of leased for Me Kingon (S:	a long material
Went- the Danastors. at - 5:50 and swood nut- clean	nd bago:
8 pm lo-, midnight-	Enign U.S. M.
Clear and cool wight - lo gentle br.	Egg from Cast lo MIG.
8 pm lo-midnight- blear and cool Sight- lo-gentle-br.	Gura Foll Suran
	Link 21. S. M.

LOG of the United States States & learner Essex , 3rd Rate, Montevideo, Uruguay

		7	Reading		WIND.				BAROME	TER.	TEMI	ERAT		State of	Forms of	Hear other.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				116.	216	3			30.02	7/	60	- 62		be	cuicun	0	
2				1116	MME.	3			30.02	1				4	4	5-	
3				11 by 6	11 by 6	3			30.02					и	4	3	
4				Il by W	May Ir	2 2			30.02	1				4	4	4 5	100
5				"	"	2			30.02					4	cir cum steal	1	100
7				"	"	2			30.03					4	4	4	
8				1119	Morth-	2			30.04					4	~	3	
9				210	MMW	2			30.00					4	4	5	
10				2 11-	Ov. 1-	2			30.04	10000				4	4	3	1
Noon.				Nowh	11881	3			30.04	/	/			4	cum ot	4 2	
												/					

Course and distance	made good since preceding noon by observations,		knots.	ter	oths.
	(Latitude by D. R.		.0	,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Observ	vations of ⊙	0	,	"
	(Latitude by		0	,	"
Position at 8 a. m.	Longitude by		0	,	"
Position at 8 P. M.	(Latitude by		0	,	"
Position at 8 P. M.	Latitude by Longitude by		0	,	"
Current during the	time, knots tenths per hour, setting	g to the			
Variation of the Con	mpass by Amplitude ⊙ observed at Sunrise, ship's l	nead	0	,	"
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset, "		0	,	"
Variation of the Cor	mpass by Azimuth ⊙ observed at "		0	,	"
Variation of the Cor	mpass by Azimuth ⊙ observed at "		0	,	"
Water expended dur	ring the preceding 24 hours,		3	98	gallons.
Water	during the preceding 24 hours,				
Water remaining on	hand fit for use at Noon,		tons	100	"
Coal consumed during	ng the preceding 24 hours,		tons	40	Ths.
Coal remaining on h	and at Noon,	8	6 "	204	45 - 11

P. M.	0.0	000			1		
1	South-	2894	3	30.04 70 69 66	be	centrint 2	
2	Dby 6		3	30.03 70 68 65		" /	
3	"	Syn	2	30.03 7/ 67 64		1	
4	South-	4	2	30.04 71 67 65	4	. /	
5	South-	South-	2	30.03.71 67 64	oed	nimbo	
6	"	"	1	30.03 73 67 65	*	6	18
8	288	888	2	30.04 74 68 65	4	4 0	
8	32	25	9	30.04 75-68 66			
10	25 6	26	2	30.07 76 68 64	000	cum mint o	
11	"	36	2	30.07 76 67 64		4 0	
Mid.	"	686	2	30.06 75-67 65		1 0	
		1					1

Commences and until 4 am.	,
Commences and until 4 am. Clear to fair weather Dentle- to- light- brege fr	om MME to-Mby M.
	- Hrrie
4/08 am	Lieut 21.811
Pastickly cloudy Light - been from 11/16	and Mostle Executed
morning on fort Talla Proosa da mass nostine signals	- al-7.00
the state of the s	Ospidense
Hos are Partially cloudy. Light-breezes from MME morning or brown Talla goods " made position signals. 8 am lo-Merid. Light-to-gentle breeze from MM	Ensign II & II
Christie Light to agulte lesses from MM	Of 1- Ords Broke
CHAT THE BASIN INVENTY OF THE PARTY AND ALCOHOLOGICAL	111105
quarterly inspection of gund collon. Prizes of paid by order of the Commanding Officer, h	on described
brist but most of the Bommansing Offices	- the mount of sixin
Jene Jane of the state of the s	Se Na Jahlal
Maris 1-4 han	Sup of Haman
mone to 1 pm. Is 11:1= lill - 6. 1 -8.80	1-810 28 1 5
Meris to 4 pm. Cloudy Lindle to light - brigg from & SI r the hold . Sent boarsing officer to Agent-ine Esposa " and Rosales" of from Plymouth - En	To Dy M. KESTOWES
"I have " " Balloing officer to lingent inte	orproo pulsus
sosperia uno robales o from y mouse of	There's
4/08 pm.	Link d. S.M
from Sto SSE. Al- 4.45 made signal	no lo light brigg
from Dio DDO. Ul- 4.45 made signal	Inting . 6/40; and
Off. Dent-down top gallant masts. Hois led so	gami Launch. Ul 3:00
Went- to quarter - to turn in scrubber hago -	Le Urgentine dospeso
cruisers Espora and Rasales come up to the	inner harbor and
anchored.	and full
0/ /- 711.1 . 11	Julyo My Johnan
8 pm lo-Midnight: Cloudy with several light passing from SSE shifting to SE and ESE	Vient U.D.M.
Sloudy with several light passing	showers - Xight brieges
from & Do shifting to Do and 600.	97
	Luit U.S.M.
	Quet U.D.M.

										0			-	14 7 TO 19		
		,	Reading of Patent	COURSES STEERED by Standard Compass.	WIND.			0.	BAROMETE	-	-		State of the Weather,	Forms of Clouds, by	Prop. of Clear Sky, in 10ths.	State of the Sea.
Hour.	Knots	Tenths	Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway	Height In inches.	Air, D.	Air, Wet Balb.	Waterat Surface.	by symbols.	symbols.	Prop. Sky, ii	Stateo
A. M.				\$6	SE	2			3006	7564	63		de.	uink	0	
2				86 kg 8	4	2			30.06		1		4	4	0	
3				26	4	2			30.05	3 60	60		4		0	
4				1000	4	2		-	30.06	366	60		4	4	0	
5				26 by 6	686	2			30.05	73 60	63		4	сим. жи		
6				40/	9	2			30.05	7260	63		*	cir cui	50	
7				16 by 11	Cash	1			30.05	69 6	660	7	be	4	0	
8				Mby Ir	686	2			30.046	966	63		4	«	0	188
9				Morth-	*	1			30.05	1	1		4		0	
10				686	4	1			30.04	96	162		4	4	2	
11				×86	æ	1			30.04	/ /			*	4	3	
Noon.				86 by 8	4	1			30.03 6	96	964	1	4	4	2	
								1								

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / //
Longitude by D. R.	0 1 11
Position at Noon: Latitude by observations of ⊙	0 , 1 11
Longitude by chronometer from Forenoon Observations of ⊙	0 , ,,
(Latitude by	o , ,,
Position at 8 a. m. Longitude by	. , ,,
Position at 8 P. M. (Latitude by	0 , "
Position at 8 P. M. Longitude by	0 / "
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 / "
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 , "
Variation of the Compass by Azimuth ⊙ observed at "	0 , "
Variation of the Compass by Azimuth ⊙ observed at "	0 / 11
Water expended during the preceding 24 hours,	399 gallons.
Water Distilled during the preceding 24 hours,	199 "
Water remaining on hand fit for use at Noon,	1445- "
Coal consumed during the preceding 24 hours,	tons lbs.
Coal remaining on hand at Noon,	"

M.							
1	886	256	2	30.00 70 68 63	oc	cum sh	- 0
2	" 0	East	2	29.98 70 68 63		4	0
3	26	"	2	29.96 68 68 63	4	٠.	0
1	9 0 9	200	2	29.94696863	be	4	1
5	626	6006	2	29.94696864	4	4	3
6	Coly IL	6/16	2	29.94716863	•	4	3
7	My 6	1	2	29.94 73 68 64	4		1
8	, ,	"	2	29.94746864	4	1	3
9	4	4	/	29.95-76 69 65	4	6	4
0	7/7/8	2/3/4	/	29.95 75 69 65	4		7
1	NHE	11/6	/	29.94 74 66 63	4	4	9
id.	"	"/	/	29.94746462			9

, 1891 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 am. Commences and until 4 am.
Overeast and cloudy, light-breeze from \$6.

W. Ry Mass. Fried.

H li 8 am.
Cousign U.S. M.
Cousign U.S. M.

Ut-5:30 starter fires for distilling. Lower the steam launch. Al 7.00 Tallapoosa " made dress - signals Tant at-7.30 line signal. At-7.30 mass signal Ind-6144 anid aff. al-8.00 sent-up loto, gallant-masts and crossed sip gallant yards: Partly cloudy, pleasant weather. Light-airs from 686. Al-9.30 mustered al quarters and called away boats for distant ser vice filled out without lawering boats.). Chargley of Port, about without Leaved. James - albort Collins - Enlistes at Ond Seaman for course of the U.S. S. Essix. Surgeon H.M. Ferebre Bl.S.M. left the ship, having been transferred to the U.S. Maval Hospital, Hen Jork, in accordance with recommendation of Metical Boart of Survey. Commences dis Villing at -9.20 Meris to Hom

Meris to Hom

Sourcast, her framing, high herge from & and East

Mas Instructional signal R. B. J. Is Mail Sto. Elle with
Dr. Forebre on board. Distilling.

He of how talk.

Urgentine forteer emission Expera & Rosales lift his harbor

Joing up he river. Distilling.

Jistilling.

Jistilling.

M. Comment.

Mille.

Distilling.

M. Comment.

Mille.

M. Comment.

Mille.

Mistilling. fr. Boy. Masa Fred. Casign U.S.M.

Examined and found to be correct.

le. K. leur

LOG of the United States Steamer Essex", 325 Rate,

Al- Monte video, Uruguay.

	_										4	_		-		
			Reading		WIND.				BAROMETER	R. T	EMPER		State of	Forms of	Hear other	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. The	er. d.	Balb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.				686	1119	1			29.92 7	2	656	2	ly or	none	10	
2				86	Morth.	1			29.907.				ben	cir str.	8	
3				*	1119	2			29.88 60				4	*	8	
4				2000 0 20	***	2			29.88 6	60	646.	2	4,		8	
5				Myby	11/2	2			29.87 60	80	190	8	afer	none	0	
6				2000	21 21 0	2			29.886	7.	193	8	0 4.		0	
7				MM Yr	nu gr	2			29.88 6.	30	17 5	9	befor	cir cui	45	
8				Mylyn	210 1	2			29.88 6.	3 6	60 3	g	be	4	8	
9				May	Myll	3			29.8769	40	64 6	1	bene		9	
10				Ir Il Ir	Willy	4			29.906	90	67 6.	2	be	cir.cem	4	
11				0" 00	0 000	4			29.89 6	9	67 6	3	,	"	4	313
Noon.				W by Il	Ir by M	4			29.89 70	0	17 6	3	"	4	4	
										1					F	

Course and distance	made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ⊙	0	,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	ıī.	
	(Latitude by	0	,	"	
Position at 8 a. m.	Longitude by	0	,	"	
		0	,	"	
Position at 8 P. M.	Latitude by Longitude by	0	,	"	
Current during the t					
	npass by Amplitude ⊙ observed at Sunrise, ship's head	•	,	"	
	npass by Amplitude ⊙ observed at Sunset, "	0	,	"	
	npass by Azimuth ⊙ observed at "	0	,	"	
	npass by Azimuth ⊙ observed at	•	,	"	
	ing the preceding 24 hours,		37	onllons.	
	Les during the preceding 24 hours,		148	gallons.	
	hand fit for use at Noon,		10		
	ng the preceding 24 hours,	2 ton	. 74	(3 lbs.	
Coal remaining on h		2 ton	20	75- "	
9011			20	/	

P. M.	0 1	0			1			
1	West	Mest	4	24.90 70 68 64	de	cir cum	45	
2	28 %r	MS M	3	29.90 70 6864			9	
3	4	grest	3	29.90 71 69 64			8	
4		"	3	29.90 71 6964	4		8	1
5	"	"	3	29.90 70 69 64			6	1
6			3	29.90 72 68 64		4	8	
7	Ir'N Ir	918 9r	3	29.92 -46863	4	4	8	
8	"	≈9r	3	29.9474 68 62			8	
9	In by M	"	3	29.95-75-67 61			9	
10	Sh by m	"	3	29.97 76 6660	-		9	
11	\$ 197	"	3	29.97 75-66 60	"		9	
Mid.	m & m	"	3	29.98 73 66 60	4	4	9	
				1.//				

Commences and until 4 am,	20
Commences and until 4 all. Clear and poleasant, bright moon light. slowly Light airs to fight breeze from MM in at end of watch?	Garometer, falling
slowly Light airs to fight - breeze from MM	It. Light-fog selling
in at Ent of watch?	
	of Thewleng and
4 6 8 azl.	Lieut U.S. Illy
Joggy and dampo first three hours clean	ing clast half hour.
Light-brilge from Il It Sto MI Ir. Heed in Jay	Nefor 118 94 lbs becf
Ho & azu. Light-brilge from M It for MI It. Hec'd in Pay 118 1/4 vegetables - & gs los bread for issue to creto.	Distilling.
	John June
8 am lo Merid.	Speech y. S.M.
clear, then partially cloudy, gentle to	moorale neces from
Il W by M to W by North : Musticed at quarters as	ut exercises at general
quarting 1th Dir seasy in 1 " 35 oce 2 no Dir in 1 me	35 - 01 9 25 Dir in 1 1 35 11
Mary Dir 2 m 30 ° Ponton Dir 2 m 12° Engra Dir 1m 48°	Masteran 1-08 5, 762
stram 483. The Comog. Officer assigned the follo	wing punishments viz:
J. Dimonson (6 J.C.) Offor laying aft when n	vord, was passed, Reduced
16 2 nd class; Jas: Mª Kinnon Sea &- Returning	from liberty - tight;
Reduced to 2 m class. The Quarterly Board of rolitely	Link Wilner was
senior member counted the Paymasters Scark.	Testes life buoys. Dis.
tillino.	1 2-1 01
	M. Kry Mason full.
Meris to 4 pm	Consign U.S. H.
Jught and pleasant. Barometer st	Easy. Mosepale logenthe
breeze from Want MS M. H. M. Dunboa	1. Basilisk came in
Meris to 4/2m. Bright - and pleasant: Barometer st. breeze from Want WSW. H. B. M. Sundon and anchored at 2.30.	
	of Mewler
4 to 8 pm 1	Visit of SM.
blear and poleasant gentle breeze	from Sir Distilling.
, , out	Mr. Ry Magn Tull.
8 form to Mid.	Grefgred. S.M.
Clear and pleasant, Barometer s	teady. Sentle breeze
4 ho 8 from lear and pleasant, gentle breeze from lo-Mid. Blear and pleasant, Barometer so from & Mr.	
	a IT newlong
	Lieut U.S.M.

Examined and found to be correct.

le . K. leurtis Zint Navigator.

					www											d
			Reading	COURSES STEERED	WIND.				BAROMETER.	TEM			State of	Forms of	Clear oths.	le Se
Hour,	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force,	Heel.	Leeway.	Height in inches. Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M. 1				88%	8891	2			29.99 70	6/	57	134	le	cir cun	.9	
2				, , , ,	4	1			29.99 70	6	60	60		4	9	
3				886	89r,	1			29.99 68	65	-60	60	4	*	9	
4				"	Morth -	1			29.9967	64	61	61	4	4	9	
5				8 61 0	"	2			30.00 65	-60	60	60		4	9	
6				6/16	5514	2			30.02 64	62	18	58	1 4	4	8	1
7				2000	"	1			30.03 61	60	58	58	des	9	9	
8				MMM	14	1			30.05-65	62	34	39	4	4 ,	9	1
9				91891	Syr	2			30.08 67	64	460	60	6	none	10	
10				mby &	South-	2			30.08 66	65	82	62	4	4	10	
11				Soon	4	1			30.10 66	60	61	61	4	•	10	
Noon.				"	4	1			30.1167	66	62	62	4	4	10	

Course and d	istance made good since preceding noon by observations,		knots.	tenths.	
	[Latitude by D. R.		0,	"	
	Longitude by D. R.		0,	"	
Position at N	Latitude by observations of ⊙		0 ,	"	
	Longitude by chronometer from Forenoon Observation	ns of ⊙	. ,	"	
D	(Latitude by		0 ,	"	
Position at 8	a. m. (Longitude by		0 ,	"	
D. 11. 10	Latitude by		0 ,	"	
Position at 8	P. M. Longitude by		0 ,	"	
Current durin	ng the time, knots tenths per hour, setting to t	he			
Variation of	the Compass by Amplitude \odot observed at Sunrise, ship's head		0 ,	"	
Variation of t	the Compass by Amplitude ⊙ observed at Sunset, "		0 ,	"	
Variation of t	the Compass by Azimuth ⊙ observed at "		0 ,	"	
Variation of t	the Compass by Azimuth \odot observed at "		0 ,	"	
	led during the preceding 24 hours,		420	5 gallons.	
Water Sc	stills of during the preceding 24 hours,		125	5 · "	
Water remain	ning on hand fit for use at Noon,		255	7 "	
Coal consume	d during the preceding 24 hours,		/ tons 8.	20 lbs.	
Coal remainin	ng on hand at Noon,		82 "/	255"	

P. M.	100						
1	Sky &	Sky Dr	3	30.10 68 65 60	be	cir cura	9
2	South-	SB %	3	30.10 68 65 59		+	9
3	Shylo	"	3	30.11 68 65 59	le	. 4	9
4	04	4	3	30.12 68 6459	4	4	9
5	0 0	"	3	30.12 68 64 59	4		9
6	Sby %	, ,	3	30.14676458	4	1.	8
7	1	8 %	4	30.16 70 64 56	4		8
8	28 %r	,	4	30.18 70 63 56	4	4	8
9	297	"	3	30.18 7/ 62 55	4	4	8
10	SS 9r		3	30.19 70 62 55	. 4	4	8
11	"	*	3	30.21 69 6256		4	8
Mid.	4		3	30.21 68 61 56	4	4	8

Commences - and lill 4 and	
Commences-and till 4 am. Sight- Str. Distilling.	airs & beserve home && mes
Sgr. Distilling!	
	of word on the second
108 am weather with - light-	hage lack two hours; light
breeze to light airs from Morth: Dis	tilling. W. Rythasm Full
breeze to light airs from Mork: Dis	TV. Rythaen tuld
light fregte from Sor and South -	Energy U.S.M.
light breeze from Sor and South	Reed in Pay Dept 6 hage bread
8 ble flower 113 ble- pork, 4 Kego-Vines	gar 4 bollo beek, I box buller 20
bodes pickles; 2 bodes tinner meal, 2 bb	
Laguipment & gal surpentine, Il lighter of	glass; / cord wood, 6 gaves-illume
linsees oil 1/2 gal Japan dry er, 1/2 gal	artsintine 15 ft spruce pine.
linsees oil /2 gal Japan dry or, /2 gal , gyds: res bunting 42," g yds golite bunting	ig 4/2", 6 ydg Mue bunting 4/2", 1842.
b packs tacks, 100 deck plugs. Reid	5 yds blue bunting 18", 18bl line
2 201 - Lawrence . appear ounding . nauce from .	V1.41 colour
701	1 111111111
Maris lo 4 pmc.	Lieut. 21. S.M.
9. +. 1. Slear and pleasant Lend	Ve- breeze from Shy W x & & W.
Distilling . Sent liberty - party on sho	Vient. U.S.M. Vient. 21.S.M. 25. Omstone
Distilling . Sent liberty - party on show	Lieut. U.S.M. Vie breeze from Shy W x & & W. 25. Omstone Ensign U.S.M.
Mistelling . Sinh liberty - party on show	Lieut. U.S.M. Ve- breeze from Shy W & SSW. 22. Omstone Ensign U.S.M. eneter pisino. Sente to moderate
Sie de gorcasaros. Jours	Constitution of the contraction
Sie de gorcasaros. Jours	Constitution of the contraction
Sie de gorcasaros. Jours	Constitution of the contraction
Sie de gorcasaros. Jours	L'and moderate heeges from
Distilling Sent liberty party on show 4 to 8 pm blear and pleasant Baron brigge from Dr. 8 pm to Mis. Sh. Distilling	Constitution of the consti

LOG of the United States Sleamer Essex", 32 Rate,

Al-Monlevider, Uruguay.

								- 6	/ //							and the same	
			Reading		WIND.				BAROMET	TER.	TEMP			State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the So
A. M.				SS94	SS97	4			30.22	69	60	53		de	circum	,9	
2						4			30.21	69	60	53	200	4		9	
3				S by Ir	4	4			30.21	69	60	65		4	4	9	300
4				"	4	4			30.21	68	60	33-		4	4	6	
5				1"10	891	4			30.22	67	60	13	•	4	4	5	
6				8891	× 10	4			30.22	66	60	16		•	4	4	32
7				19"	SS 91	4			30.24	64	60	56		4	4	3	
8				Str by 8	"	4			30.25	63	60	16		4	•	3	1
9				8 1%	891	3			30.25	64	60	56		4	4	5	1
10				& mby 8	S Troy S	3			30.27	64	61	56		4	4	5	
11				88 gr	289r	3			30.28					4		6	
Noon.				4		3			30.28					4	*	6	

Course and distance	made good since preceding noon by observations,		knots.	te	enths.
	Latitude by D. R.		0	,	"
D. 02	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Observ	ations of ⊙	0	,	"
Position at 8 a. m.	(Latitude by		0	,	"
rosition at 8 a. m.	Longitude by		0	,	"
Position at 8 P. M.	(Latitude by		0	,	"
Tosition at 6 1. bi.	Longitude by		0	,	"
Current during the t	ime, knots tenths per hour, setting	to the			
Variation of the Con	npass by Amplitude ⊙ observed at Sunrise, ship's h	ead	0	,	"
Variation of the Cor	npass by Amplitude ⊙ observed at Sunset, "		0	,	"
Variation of the Cor	npass by Azimuth ⊙ observed at "		0	,	"
Variation of the Cor	npass by Azimuth ⊙ observed at "		0	,	"
Water expended dur	ing the preceding 24 hours,		3	78	gallons.
Water	during the preceding 24 hours,		/		1
Water remaining on	hand fit for use at Noon,		24	72	u
Coal consumed during	ig the preceding 24 hours,		tons	40	" (/ lbs.
Coal remaining on h	and at Noon,		82"	85	3- "

P. M.							
1	South-	299	3	30.26 65-61 57	be	circum	
2	1	,	3	30.26 65-62 57	4	4	
3	"	"	3	30.26 65-62 58	4	4	
4	"	Shby &	8 3	30.26 66 62 3-7	ч	4	
5	SE by M	85 m	2	30.26 66 63 58	4	4	300
6	6 by ll		2	30.26 66 62 58	4	,	
7	"	"	2	3027 70 62 68	"	4	134
8	ME by M	"	2	30.27 70 63 59	*		
9	28 Py	S97	2	30.27 72 63 58	4	cirruid.	100
10	"	"	2	30.28 72 63 59	4		13 3
11	0'00	110	2	30.297263 59		"	33 1
Mid.	Sby Ir	Sby Ir	2	30.29 7263 58			
		1					TE

Commences and till Ham.	2 00
Clear and cool Moderate breeze from So	89.
	Jun Half Johnan
4/28 1212	Lient 21 8 21
Cloudy and pleasant Moderale-hand	89 5800
Commencer and till 4am. Clear and cool Modipale breeze from So 4 10 8 am Cloury and pleasant Modepale breeze Barometer strady.	from SI. anssist.
parometer sizaby.	7-11
2 1-211 .	p. 1/10 flewly
Sam ge Meryo.	peut a. D. M.
Jair Lentle breeger from & Who DAM.	Ul 9.30 inspected ships
Sam of Meris. Fair Dentle breeger from Strlo SSM. at quarters and made routine signalo at 9.46	My 10.00 called all
hands to muster, and read articles of war. The	following men were
hands to muster and read articles of evan. The absent from ship without leave . H. a. Jones (Ta. 13. Molan (Pot), D. H. Lynch (Pot), Jus. bl. (Sea).	by box Muller (Poh)
1.13. Molan (Poh) D. H. Lynch (Poh) June ble	inton (3 d 9.7) mo Shin
(LSea)	
vosca).	(masson)
Meris ligt form. Blear and pleasant Antle breege from	118/00
men up form.	Sing Stor
I blear and poleasant. Dentle breege from	1 - W. and Hby D.
Dent a liberty party ashere. My order of the	he Commanding
Officer confined Jas: Dovger (lit) for 05 d	ays on bread and
water fortrefusing duty and for abusing	language to an ap.
pointed officer in the bee formance of his de	util Private H.a. Jones
Sent a liberty foarty ashore. By order of the Officer confined Jas. Dovyer (led) for so de doubles officer in the foer formance of his de petur nest 5/2 froms over time.	
	Time Myslerian
46-8 pm	Jing Myllman
The good of the political	8892
Stear and poreasant & 19th orreges	from
Ino. Demey Deal refuence our board 1/20	2 1/ 1 Poly
1 D. 1. Lysteh Orh) 8/2 hours overline and y. 10	· Molen On 10 hours
Juo. Sliney Sea) refuence out board 7/2 of D. H. Lysteh (Poh) 8/2 hours overtime, and J. 16	WM Bone
8 Jorn to Mid.	Eusignell. S. M.
Clouding over. Light breeze from	L& M lo-Sby Mr.
8 fom to Mid. Clouding over. Light breeze from	Jung Flo Solman
	Lieut U.S.M.
	/

Examined and found to be correct.

le. K. Sunho Laint-Navigator.

			Reading		WIND.				BAROMI	ETER.	TEMI	PERAT	TURE.	State of	V	lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Sby m	Shys	3			30.28	70	63	1.7		ba	cum	8	
2				S 28 %	4	3			30.28	1				4	4	9	
3				7	4	3			30.28	1		/		6	none	10	
4				"		3			30.28	69	63	58		",	4	10	
5,				"	25%	4			30.29	67	63	58		de	cir	9	
6				0000	WSW	4			30.29	1				и	-	9	
7				& Why S	"	4			30.31	65	63	58		9	"	9	
8				,	Strogh	4			30.32	66	62	08		le	20112	10	
9				10	27	3			3030	66	63	58		1	4	10	
10				291	4	3			30.34						+	10	
11				912 91		3			30.34	67	64	58		ke	circun	9	
Noon.				1	•	3			30.34	168	64	58		"	"	9	

Course and distance	made good since preceding noon by observ	rations,	knots.	tenths.
	(Latitude by D. R.		0 ,	"
	Longitude by D. R.		· ,	"
Position at Noon:	Latitude by observations of ⊙		0,	"
	Longitude by chronometer from Forenoe	on Observations of ⊙	0 ,	"
	(Latitude by			"
Position at 8 a. m.	Longitude by		0 ,	"
Desition at 8 D M	(Latitude by		0 ,	"
Position at 8 P. M.	(Longitude by		0 ,	"
Current during the	time, knots tenths per hou	ur, setting to the		
Variation of the Co	mpass by Amplitude o observed at Sunrise	e, ship's head	0 ,	"
Variation of the Co	mpass by Amplitude o observed at Sunset,	, "	,	"
Variation of the Co	mpass by Azimuth O observed at	"	0 ,	"
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0 ,	"
Water expended dur	ring the preceding 24 hours,		398	gallons.
Water	during the preceding 24 hour	8,		u
Water remaining on	hand fit for use at Noon,		2071	∠ "
Coal consumed duri	ng the preceding 24 hours,		tons	400 lbs.
Coal remaining on l	and at Noon,		2071 tons 4 82 "43	3- "

P. M.							
1	West	25 %	3	30.32 69 65 59	lec	cie cuu	9
2	ms m	289n	3	30.32 69 65-60	4	4	
3	South-	Douth-	3	30.33 70 64 58	*		9
4	Dby 6	& ly &	2	30.33 70 64 60		(7
5	200	1	3	30.35 68 64 60	4	u	0
6	"	4	3	30.36 69 63 58	9	"	5
7	" 0	*	2	30.38 72 63 58		"	6
8	25	286	2	30.38 73 63 39	4	4	7
9	Stolys	"	2	30.39 73 63 58		4	6
10	*0	"	2	30.40 73 62 57	"	4	8
11	"	"	2	30.40 73 62 57	4	4	8
Mid.		"	2	30.40 73 62 57	1	*	8

Commences and until 4 am	11.	h
Commences and until Han	Lentle breeze from	Sh by S.
		FAMile.
46-8 pm.	, , , , ,	Lieut 21. S. M.
Clear and pleasant. In	Moderate breeze from	SIr b- Irs M. Execution
morning orders: al-7.00 J.	allapoosa mare p	outive signalo: al 7.00
made trignal Interg. 6071	Talleforosa anish aff	brossed royal yardo
al- 7.50 . Heed in pay Defot.	16/2 los pest bref	and vegetables and golf
morning orders: Al-7.00 9. made signal Interg. 6071 of al-7.50 . Meed in pay Defot. bread.		
8 am lo Merid Clear and pleasant:		a Common
8 am lo Merid		on Consignill. S. M.
Clear and poleasant:	Tentle breeze from	DM. al Goo mustered
al quarters : absentees	: Prinala 11. 60 Mulls	5 Just Chindre (201 f)
and J. Mahoney (St.) A	ad divisional a	bill. Ul-9.45 made
and J. Mahoney (&H.) A routine signals: Enlis,	les James MEERE	as Lands man for the bruit
201		July Fyllolying
Merido 4 pm.		Jieget U.S.M.
Stegrant weather p	artly cloudy last he	our, Tentle to light
byrege from & h lo Dby	5. Reed in Eng	no Dept- Inction grate
borege from &n lo Sby & bars for stam launch in Ond.	Tay Defol: 1 Keg mot	assco; in Equip! Defot.
I pane glass and in Ord.	DEfor 96 ft lumber	and 10 tho lead.
		- thrieur
Ho 8 form. Gentle-to light made signal Int-6068 a bent-light-sails:		Ligupal. S.M.
Fair. Dente to light	- breeze from Dby	6 6 356. UL-5.30
made signal Int-6068 a	nid aff. Dent don	rose light yards and
bent-light sails:	00	Girgo FM Johnan
0/ 1-911.		(0) (0) 0 21
8 fom to Mid and plea	, 60,1	Vient U.S.M.
Clear and plea	esant. Light breeze	E from 286.
		Exported 2

Examined and found to be correct.

le. K. leur Inst

LOG of the United States Sleamer Essex", o'd Rate,

-	_	-								1		-				
			Reading		WIND.				BAROMETER	TE	MPERA'	TURE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Air, Dry	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sec
A. M.				86	26	1			30.38 7	36,	1 36		la	ai cum	8	
2.				Gast		1			30.38 70					4	8	
3				86 by S	4	1			3438 70				4	4	8	
4			13	Sby 6	4	1			30.38 70	, 6,	167		4	*	8	
5	-			236	256	2		-	30.40 68	86,	1 12		, 4	4	8	
6				4	26	2			00.40 68	61	1 3.7		bene	4	8	53.83
7				*	7 0 0	2		-	30.41 6	5-60	0 06		4	cin	9	
8				"	256	2			30.41 60	6.	158		*		9	
9				•	1	1			30.43 6	762	2 54		a	- 4	9	
10				686	26	1			30.446		- /		9	4	9	
11				18	4	2			30.45-64				ч.	4	8	
Noon.				,4	4	2			30.44 60				"	4	8	

Course and distance	made good since preceding noon by observation	ns,		knots.	tenths.		
	(Latitude by D. R.		,	0 ,	"		
	Longitude by D. R.			0 ,	"		
Position at Noon:	Latitude by observations of ⊙			· ,	"		
	Longitude by chronometer from Forenoon (Observations of ⊙		0 1	"		
	(Latitude by	,	1	0,	"		5
Position at 8 a. m.	Longitude by			· ,	"		
Position at 8 P. M.	(Latitude by			0 ,	"		
Position at 8 P. M.	Longitude by			0 ,	"		-
Current during the	time, knots tenths per hour, s	setting to the				,	
Variation of the Co	ompass by Amplitude o observed at Sunrise, sh	nip's head		,	"		
Variation of the Co	ompass by Amplitude © observed at Sunset,	u		0 ,	"		:
Variation of the Co	ompass by Azimuth ⊙ observed at	"		0 /	"		
, Variation of the Co	mpass by Azimuth ⊙ observed at	"		· ,	"		
Water expended du	ring the preceding 24 hours,			37	4 gallons.		
Water	during the preceding 24 hours,				"		
Water remaining on	n hand fit for use at Noon,			170	00 "		
Coal consumed duri	ing the preceding 24 hours,			/ tons	250 lbs.		
Coal remaining on l	hand at Noon,			9/ " ~			

P. M.										
1	5-	0	5.	Sh by Mr.	Sky 94	3	30.14 64 64 60	de	circum	9
2	8	0	13.5		,"	3	30.40 64 65-60	4		4
3	34	96	22	891/2/	South	3	30.40 70 65-60		. 9	
4	3	5-	30.3	21×891	"	3	30.40676661	4	4	1000
5	8	7	39	Ir by M	"	1	30.39 66 65-61	4		No. of Concession, Name of Street, or other Persons, Name of Street, or ot
6	8	7	47.7	11 grly gr	"	2	30.37 70 65.61	+	4	9
7	8	3	86.	11 %r.	East	2	30.38 72 65 61	4	. /	9 .
8	8	8	64 8		216	2	30.39 7/65-61	*	4	
9	7	5	73.3	Steaming up the	"	2	30.40 71 64 61 67	4	' '	9
10	8	5-	81.8	Stood of up the Plate River, in charge of Peloh.	"	2	30.40 7/64 6/67		. 4	9
11	8	4	90.2	Constantly changing	"	3	30.40 68 64 61 67			
				Course.	,	2	30.38 68 64 6167		none !	
						10				

Commences and until 4 a.M. St. W. My thagus Fuld. 468am, Clear and pleasant. Light-breeze from SSE to SE. al 7.50 darles fires under three boilers: all-8 crossed light-yards and bent light gear. The following signals were made; by Tallapoosa; 7 dress signals: 7.30 Line signalo: By Cosses: 7.40, Int: 4560 ansid aff; 746 Int- 6/93 ansid aff.
7.50 Jul. 6069 ansid aff. Private 16.6. Meller, Ino. Clinton (2 cl 9) ans. Jou Mehoney (BH.) esturded abound. Lieut U.S, M. sh 8 am lo Merid Clear and pleasant: Light-airs to light breeze, from SSE, Unmoored ship and made porparations for sea. alt-11. so called all hands-up anchor, got- under way and slood out on course, Stry Ships draft ford 12 19, amid 147", and aft 16'3". Jas Dovyer (62) was released from confinement and restored to duly by order of bondy. Officer Conlisted for cruise of Esses Jacob Oscar Spockenboure (03. Cooper was pated from (Ldo) to theth) by order of boundy. Officer. Merid lo-4 form. Vieut U.S.M. blear and fine weather, gettle briege from Sby It and South. Ul 12.25 look departiese El berro Mby 9. 7/8 9. OH Below 6 14 11. Set course Stray (psc) it was changed to An/2 It at-2.28 P. Log 17.4 and to Mish at- 5.00 Pagg 26.5 Del-jib, flying jib and spanker al-1.00 Shipunder comme of pilot. av. Stehm 735 aving nevs: 52.3 M. My Main Fuld. Chriga U.D.M. Clear and pleasant Light breeze, from South figst fourt shifting to Cast - Sall or part; ship in charge of pilot. The following changes of course and reading of pate log made during watch at 4.20 Thy & -33.1, Sal-4.35 Trest-35.5; al-5- They il -39; al-5:15: 9.11. 2 -41.0; al-6:45 HIN by 3. 45.1: and al-6.48 1. 1191 - 54.1. India St. braning \$6. 11-630 passed India Li ship Urgentim eruiser on foort hand. Steam aver 70/2 lbs; MEVS: 51.1 Wille. & form to Mid Char and pleasant, light-to gentle breeze from ME. Pilot coming ships. Prosed light ship at 10.45 P.Log 88. CV 8.50 changed course M3/2 11, Rig. 72; at 8.55 to MA Plig 72, 4; at-8.57 10 1/2 11 Pling 72.5; at 416 1. 11 Ph. P. Log 75:5; at -9.35 to 11 Ph by In Policy 78.5: at-9.48 to 14 17 Pling 80.2; at-10.20 1. Pr by 11 Pling 85:3 Clour steam 66,5; Comperer 54. Examined and found to be correct. Chisign U.S.M. le. K. luin Zint - Navigator.

			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State 6		lear hs.	Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.		2.40	103.	648	116	3			30.38	66	63	61		b	Hone	10	
2				20 8	16 by 6	3			30.37					4 ,	4	10	
3				16	11116	3			30.36			/		4		10	
4				1116	4	4			30.35	67	62	54			4	10	1
5			2	Il by 6	4	3			30.34	467	62	57	7	* .	4	10	
6				1121/2	4	4			30.33	65	62	60		lem.	1	10	
7				"	4	4			30.34	164	62	61		4	. 4	10	
8				1191	"	3			30.34	65	63	61		*	4	10	
9				M Wby Ir	4	3			30.38			1		be	cir cum	0	1
10	138			,/	"	3			30.38		-			4	4	9	
11			3.6	"	4	3			30.38					4	4	9	
Noon.			64	119		3			30.36					4	4	9	

	*				The same of the sa
Course and distance	made good since preceding noon by observations,	knots.		tenths.	
	Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ⊙	0	,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	•	,	" ,	
6	(Latitude by	0	,	"	
Position at 8 a. m.	(Longitude by		,	"	
Position at 8 P. M.	(Latitude by	0	,	".	,
Position at 8 P. M.	(Longitude by	•	,	"	
Current during the	time, knots tenths per hour, setting to the				
Variation of the Co	mpass by Amplitude o observed at Sunrise, ship's head	0	,	"	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0	,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at "	0	,	"	
Variation of the Co	mpass by Azimuth \odot observed at "	0	,	"	
Water expended du	ring the preceding 24 hours,		35	gallons.	
Water	during the preceding 24 hours,			"	
Water remaining on	a hand fit for use at Noon,	/	33	0 "	
Coal consumed duri	ing the preceding 24 hours,	& ton	s /0	860 lbs.	
Coal remaining on l	hand at Noon,	72"	5	860 lbs.	
		/-			

P. M.							
1	14.6	11116	1	30.32.67 6964	de	cune	7
2	19.1	4	1	30.29 68 69 65	a	4	7
3			1	30.28 67 68 64	4	4	
4	119.1 86	86	1	30.27 6868 64	4	4	-
5	"	86	3	30.26 69 68 64	4	4	
6	Stoly &	"	3	30.26 7066 64	4		9
7	6by S	6 by S	3	30.26 73 66 63	4	4	9
8	11/16	Gast	4	30.26 72 66 63	"	4	
9	nnn	6716	4	30.26 70 65 63	4	4	1
10	"	4	4	30.26 70 65-63	"	4	
11	n In by M	"	3	30.26 6964 62	te	*	9
Mid.	, /		3	30.26 66 6261		"	/

Commencer and until 4 am.	
commences and unu ram.	111-1-11
Clear and poleasant Baronneter falling slowly . D.	
Max Ed. Anchord at 12.44 sterboard anchor 4/2 for	no water , 30 fres chaire.
Banked fires. Ships position 13 miles - Will In 1/2 9	from Chico light slip.
Banked fires. Ships position 13 miles - It 1 91/2 9	1 Tollewhen
46-8021.	Link U. S.M.
blear and beleasant mistig along horison.	Lentle to mornate from
how IIIE Somed deary culting right for	OSL- and made fully
fight him . Somethe return and; juffer hang	and mane porgonalation
blear and poleasant, misty along horizon. from MIE. Lowered steam culter; pigged lary for great gun practice.	Port .
2 - 1 - 701 -1	Jo John John
sum. to Meria.	mass al. D. M.
8 am. to Merid. blear and pleasant-gentle briege for	mIIII6, Ul 3.16 sent-out
parjar grifter grifter	
al-11.200 when the largel - was picked up again.	Capender in Ordnance
6, 5th charges: 6, 30/2 lb charges: 12, 16 lb charges	and 6, 13 of charges; one
cartridge bag was expended with each of the	above charges Also estores
blooded shell for 60 pdr rifle; 12 loaded shell	for 1x in SB: 6 So 1 Butter
of the wife of the fight, the wanter smile.	11 20 and 1 and 1 and 1
shell for 8 in R. and 6 loaded shell for 3 in R. at	1. s gor underway and soot
in for bolonia pilot conning the ship. av. s.	care 65 lbs; aver per 32.
Configed I'm diggan (OS) for 5 days on bree	ad & water, for minicking
and officer and disobegingd the police of the se	hip. work
Confined In Liggan (08) for 5 days on bread and officer and disobeyings the police of the se	1. 1 my Masen fuld.
Merid lo H bru	Crisignill. S.M.
Bright and pleasant. Barometer stead	by Light airs from UNE
and St. Standing in lowards Colonia, pu	lot-consists at-1.45 the
stern grounded on MI End of Pescadores Sho	al let an strack and
braings Fapallon D. Ins Ir 1/25 Frant Gest en	1 of So Delice Sol
oraning tapation X. 110 11 for It and pest en	to I to the Mana
M/4 %. mag. Teansported 9" guns forward and hois	red out wars boats. Cli v.05
sweing clear of shoal, the tide having riser	and got underway. Ut-
3.30 moored in Colonia herbox, port-anchor	2d, 45 fms on each chain
in 5 fms water, but on swivel. Bearings fina	g) Fardlond Str by 11/2 2.
Cathedral & 128. Colonia Phile 686 5/46.	Draught for's 12' 11' allos.
anis-lib 14'8"	Mule of
4 bru 10 - 0 bru	Licet. 21. S.M.
Partially described and the last of	ESE la-Glos Histor
in 5 fms- water, but on soivel. Bearings find bathe dral & 1/28. bolonia Phili & & 6 3/4 &. Amisship 14 8". 4 frm to 8 frm. Variably cloudy, gentle briege, from in sailing launch and sent down topgall at boat ashore for the d.S. Consul but the solution of the description of t	1 1 1 1 1 1 1 1
in sailing launch and sent down top gall	and a poyal yares. Dens
a boat ashore for the d. D. Consul but he	was not at home saufed fores
1 201	W. Ky Mysen Titl.
8 pm to Mezid	EnsignU.S.M.
Som lo Mezió Clear and phasant, Barometer stead breys from Md	dy Moderate to gentle
breeze from Md	
	Lieut. 81. S.M.
Examined and found to be correct.	Lieut. 81. S.M.
Paginine and Joine to the Correct.	
	le. K. Sunti
	La int - Navigator.

								- 0	-	4			-				
			Reading		WIND.				BAROME	TER.	TEMI	ERAT		State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				nn m	16	3			30.26	64	61	60		le w	none	10	
2				E by M		3			30.26	64	60	59		4	4	10	
3				686	•	4			30.25	62	60	58			4	10	
4			-		u u n e	4			30.24	-62	60	38		a	4	10	
5				40 60 60	1116	4			30.23	61	61	58				10	
6				MGbyll,	9	4		-	30.24	61	60	18		be	cir	9	
7				Il by 6	•	4			30.24	63	60	58		4	4	9	
8		-		Muly	4	4			30,25	64	62	60		4	*	9	33
9				Il Mby Il	4	3			30.25	-65	-66	62		4	circu	u 8	
10				"	4	2			30.27	67	68	63		u	4	8	
11				20200	200	2			30.28	68	69	64	-	a	4	8	
Noon.				MMW	686	3			30.28	68	68	60			r	6	

Course and distance	made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0	, ,,	
D. W N	Longitude by D. R.	0	, ,,	
Position at Noon:	Latitude by observations of ⊙	•	, ,,	
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	J 11 -	
	(Latitude by	•	, ,,	
Position at 8 a. m.	(Longitude by	0	, ,,	
Position at 8 P. M.	(Latitude by	0	, "	
Position at 8 P. M.	Longitude by	0	, "	
Current during the	time, knots tenths per hour, setting to the			
Variation of the Con	mpass by Amplitude o observed at Sunrise, ship's head	•	, ,,	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset, "	0	, ,,	
Variation of the Cor	mpass by Azimuth O observed at	0	, ,,	
Variation of the Con	npass by Azimuth ⊙ observed at "	•	1, 111	
	ring the preceding 24 hours,	U	60 gallons.	
Water Diste	UEL during the preceding 24 hours,	3	He "	
Water remaining on	hand fit for use at Noon,	14		
Coal consumed during	ng the preceding 24 hours,	2 tons	/620 lbs.	
Coal remaining on h	and at Noon,		1205- "	

P. M.	710, 8 21	1 71 8			0	
1	Il frogle	6116	3	30.28 67 68 65	be	cir.cun 8
2	M W by M		3	30.24 68 68 65	a	4 9
3	"	686	3	30.26 68 68 65		4 9
4	4		3	30.25-68 68 65	*	" 9
5		*	3	30.25-68 64 64	6	none 10
6	"	"	3	30.24 70 64 64	4	* 10
7	*	"	3	30.24 71 67 64	4	4 10
8	*	,"	3	30.24 71 67 65	4	. 10
9	6 by 11	East	3	30.23 72 66 64	4	4 10
10	M They M	"	3	30.23 72 66 64	4	" 10
11	M They M	East "	3	30.22 69 64 63	be	cir cum 9
Mid.	"	"	3	30.22 67 63 61	"	4 9
						1 /

, U. S. Navy, , 18 9/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 am.	
Clear and poleasant. Lendle and mode pa	el E breeger from MG.
	al Sulsoni
Commences and until 4 am. Clear and foleasant. Sentle and moderal Ho 8 am. Clear and foleasant. Moderate breeze from for distilling.	Cousian U.S.M.
blear and pleasant Moderale breeze how	n 1166 Starter line
for distilling	in I on
for awaring.	Millin Mass field.
0 and 1-111.	0/2/21
8 am lo-Meris pleasant Barometer rigin	h
Jought and pleasant forometry right	og Mand variable (19.30
has qualters and divisional exercises. The of.	D. Consul veseler ME
ship officially. Distilling, The Coundy. Officer	assigned he following
Port, 8/2 hans over leave, H. a. Jones (Port)	ver leave, D. H. Lynch
(Joh) 8/2 hours over leave, H. a. Jones (Port)	5 /2 hours overtime Ins
Sliney (Dea) 7/2 hours; over leave, - each p	reduced to 2 nd class month.
Q. Mahoney (CH) 24 hours over brave, - pra	luced to se class: 1/2 mouth.
D. Clinton (2d) and H. L. Muller Pot 48 hor	
14th class 2 months - D. H. Lunch (Pot) Losing	his cals while on liberte
8 hours - bala duly. I. Wilson (Sea) Clothes in	lucks has 250/2 a mol-
walches.	The state of the s
n water.	QXXX. A.
M .c/-1/2000	Lieut 2.8.11.
Meres y for.	8 11 8 - 8 18
Meris le 4 pm. Clear and pleasant. Sentle breeze Served out clothing and small stores.	from 6 M to and 1000.
Dervid out clothing and small sloves.	Q 22 0.
	1000000
4 60 8 pm.	Jonoign a.D.M.
blear and pleasant. Barome les she	eady. Sintle breeze
from OSG. Distilling.	
Dervid out clothing and small stores. I 4 to 8 form. blear and pleasant. Barome ler st. from & & Distilling.	1 Whenden
8 pm to Mid.	Licut U.S.M.
8 pm lo Mid. Clear and pleasant: Sentle breeze	o from Gast Distilling.
	Operione 1
	Ensign U.S.M.

Examined and found to be correct.

le. K. levelis Zime - Navigator.

-	-	-	_									4				
			Reading	COURSES STEERED	WIND.				BAROMETER.	TEMP	PERAT		State of	Forms of	Hear the.	e Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.				MA by M	MME	2			30.2464	62	60		be	cir am	9	
2				11709		3			30.24.64	162	60		4	4	9	
3				Gast	116	3			30.22 63	62	60			4	9	
4				626	16kg 6	3			30.20 62				"	4	9	
5				2.	MAG	4			30.20 63				been	4	8	
6				Cash S	4	4			30.2063				be	4	8	
7 8				THE W	4	4			30.20 63				*	4	7	
9				71719	716	4.4			30.22.67					4	6	
10				7192	Horth -	3.			30.23 69				4	4	8	
11				4	4	. 2			30.2369	100000	-		4	4	8	
Noon.					4	2			30.23 70		/		4	4	8	
									1	1						

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	,,
	Longitude by D. R.	0 - ,	"
Position at Noon:	Latitude by observations of ⊙	0 ,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	" .*
P 11	(Latitude by	0 ,	"
Position at 8.a. m.	Longitude by	۰ ,	"
200	(Latitude by	0 ,	"
Position at 8 P. M.	Longitude by	0 ,	"
Current during the	time, knots tenths per hour, setting to the		
Variation of the Co	ompass by Amplitude ⊙ observed at Sunrise, ship's head	0 ,	"
Variation of the Co	ompass by Amplitude ⊙ observed at Sunset, "	,	"
Variation of the Co	ompass by Azimdth ⊙ observed at "	0 ,	"
Variation of the Co	ompass by Azimuth ⊙ observed at "	0 ,	"
	ring the preceding 24 hours,	390	gallons.
Water Disti	Ued, during the preceding 24 hours,	1970	u
Water remaining or	n hand fit for use at Noon,	2930	u
Coal consumed duri	ing the preceding 24 hours,	390 1970 2930 1 tons 9	7/8 lbs.
Coal remaining on	hand at Noon,	68 " 2	290 "

P. M.	W 11 %	SS %	2	30 22 70 72/4	L	wint stiff
2	,	,	2	30.22 70 73 68	4	wint on 4
3	Sby 6	256	2	30.21 70 72 69	4	e 6
4	Sto by &	Sto by &	2	30.21 72 71 68	,	4 4
5	26	86	2	30.23 70 70 67	4	. 2
6	1210	East	2	30.23 72 69 67	4	1 /
7	St by &	,	3	30.23 72 69 67	4	4 0
8	2"02	271-8	3	30.23 72 69 66	4	* 3
9	636	ENE	3	30.22 71 69 66		. 5
10	2182	"	3	30.23 72.66 63	"	" 8
11	11/1	"	3	30.24 70 65 63	*	" 8
Mid.	"	" .	0	30.24 68 65 63	-	0

Commences and until Hary.	
Commences and until 4am. Clear and pleasant. Light-log	gentle breeze from MME to
16. Distilling!	
	July Turbolman
46-8 am.	Lieut U.S.M.
Ho. Distilling! 4 lo 8 am. Bright and pleasant: Baron from MHE. Commenced fixing at 8 am lo Meris.	eter steasy . Morreal E bruge
from MMG. Commenced fixing at	- target with refles. Distilling
0 000 1-411 :5	Licet. U.S.M.
oum to meres.	Telle de Son Me
and North Fired Mara Dir at bist	of and will langet from
Officer made an official call on the	of Tovanor Distilling.
8 am lo Meris. Sair ans pleasant. Light to and florth - Fired Marg. Dir at bist Officer mas an official call on the Maid to 4 bru	Constituto
Movid to 4 form. Light-breeze from SSN la	Ensign U.S. M.
Fair Light- breeze from SSW lo	-SE by S. al- 12.25 stopped dis.
tilling and hauled fires. First Division	in Engaged in larget firing
with pille and piolat. By order of to	undg. Officer throw over board
20 gallans beans and so los biscuité, condumn	d by Isvard & Supporture
1, 1-1	Just d. S.M.
Ho & form Cloudy . Light-and gentle Finished fixing 1 2 Dir at pistolo-	leur G. S.M.
times of him of his tolo-	inge from Soma care
Seminal guing , who as per wer.	Ondrone
8 pm lo Mid.	Ensigned S.M.
Cleaning. Gentle breeze fro	m 6/16.
8 pm lo-Mid. Blearing. Gentle-breeze fro	Juge Hell Syman

								- 6		1							The same of the sa
			Reading					BAROMETER. TEMPERATO		URE.	E. State of Form		lear ths.	e Sea.			
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Mhby M	116	3			30.23	68	63	63		ben	cir au	~ 8	
2				11 1109	4	3			30.24	-68	65	63		+	4	8	
3				716	4	3			30.24	-68	64	62		4	*	9	
4			13.23	686	4	4			30.24	66	63	62		4		9	
5				SE by 6	4	4			30.26	-64	63	62		bes	4	9	
6				"	4	4			30.20	63	63	62		4	·a	8	
7				215	4	3			30.26	62	63	62		4	4	7	
8				116	4	3			30.26					4	4	7	
9				May	4	2			30.27	168	67	65	-	4	4	7	
10				1100/2	0 0	1			30.2	971	70	67		"	+	7	1
11				11 hby Ir	South -	1			30.29	71	70	67		4		6	
Noon.				, ,	,	1			30.29	68	69	67		-	"	5	-
							-					1					

Course and distance	made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0 ,	"	
7	Longitude by D. R.	,	"	
Position at Noon:	Latitude by observations of ⊙	0 ,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0,	"	
D. 32	(Latitude by	0 /	, ,,	
Position at 8 a. m.	Longitude by	0 /	, ,,	
Desiries et 0 D M	(Latitude by	0	, ,,	
Position at 8 P. M.	Latitude by Longitude by	0	, ,,	
Current during the	time, knots tenths per hour, setting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0	, ,,	
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset, "	0	, ,,	
Variation of the Cor	mpass by Azimuth ⊙ observed at "	0	, ,,	
Variation of the Con	npass by Azimuth ⊙ observed at "	0	, ,,	
Water expended dur	ring the preceding 24 hours,		90 gallons.	
Water	during the preceding 24 hours,		"	
Water remaining on	hand fit for use at Noon,	25	40 "	
Coal consumed during	ng the preceding 24 hours,	tons	875 lbs.	
Coal remaining on h	and at Noon,	67 "	975 lbs.	
		/		

Р. М.		210 10	000			1		
1		11 hby m	SSE	2	3028 69 69 67	be	cum rian	64
2		11 9/1	, ,	2	30.26 68 69 67	4	4	4
3		18	86	2	30.25 68 69 67	"	circun	x5-
4		\$6	0 % 1 0	, 2	30.25-68 69 67	4	"	4
5			SE by &	2	30.25 69 69 67	4	4	
6		1	East	3	30.23 70 68 67	1 0	. 4	5
7		-8818	1	2	30.24 7267 64	bel	"	57
8		SE by &	"	2	30.24 72 66 63	4	*	5
9		East	"	2	30.26 72.65 63	"	4	6
10	. %	1119	,	2	30.26 72 64 61	4		7
11 Mid.		n In by n	,	2 2	30.26 65-64-61	4	4	8
an.		" og 11		4	30.26 63 63 61		1	6

Commences and until 4 am.	
Commences and until 4 am. Sentle breeze for 4 lo-8 am.	n M.E. Light-derv.
	The im
Ho-8 am. blear and pleasant. Moderate and ge bisculed morning orders; sent-out piffe la pations- for going ahead with target foracte	Lieut. 21. S. M.
Clear and pleasant- Moderate and ge	welle breeze from 16
Executed morning orders, sent out rifle la	rigel- and made peepa
rations for going ahead with larget practe	the.
	Constione
South at 10. I start Division songaged in ta. The Secretary of the Lovernor of Colonia paid Meris let form. Secretary cloudy poleasant weather. Lig.	Consignal S.M.
Clear to Lair weather. Light breeze to	light - airs from 16 shift.
lo South at 10. I sight Division Epigaged in ta	agel- practice with rifles
The Decretary of the Lovernor of Colonia par	is an official visit.
	Grig Lillolman
Meris le 4 form.	Line 21. S.M.
Cartly cloudy poleasant weather. Lig	ht-breege from SSE to
\$6.	
	For mener
4 6-8 pm.	Lieut. U.S. M.
Pair. Lente to light breeze from	n 86 10-6 lo Cast.
Heal- lightning in the SIr latter Shalf	of watch - a number
Ho 8 pm. Lindle to light breege for freak- lightning in the SIr latter Shalf of passing pain squalls in sight-sale	dig the piver course.
	June Florialman
8 pm 6-Mid.	Went U.S.M.
Clear and pleasaget. Bright si	arlight Lightning li
8 frm 1-Mid. Sid & Wid . Light-breeze from Edut.	
	they's year
	Link U.S. M.

LOG of the United States Steamer Cosses ", 3rd Rate, all-Colonia, Uruguay!

			Reading		WIND.				BAROMETER.	TEM	PERAT	URE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A, M.				119	ENG	3			30.26 62	61	60		bel	cumple	9	
2				1119	116	3			30.2661	61	39		herol	4	9	
3 2		25	1116	1111.	"	3			30.23 6/	60	59		4	4.	9	
4				200	4	3			30.23 60		1		140	4	9	
5				6 by D	5/1	3			30.22.63		/		bel	4	9	
6				26 by 6	169	3			30.2263		1.		be	a	9	-
7				686	686	3			30.22 62				4	6	9	
8				71 51 6	21 41 8	3			30.28 65				4	cir cum	9	
9				1116	1116	2			30.26 63	1000	,		4	4	9	
10				500 1 70	8001	2			30.2668					4	9	
11				Mysyll	· Chyll	3			30.2668	70	66		4		9	1000
Noon.				7	"	3			30.26 67	69	66		4	4	9	1

Course and distance	ce made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	· ,	,,	
	Longitude by D. R.	0,	"	
Position at Noon:	Latitude by observations of ⊙	0 ,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	۰ ,	"	
D. M	(Latitude by	· ,	"	
Position at 8 a. m.	Longitude by	• ,	"	
	(Latitude by	۰ ,	"	
Position at 8 P. M	Longitude by	0 ,	"	
. Current during the	e time, knots tenths per hour, setting to the			
Variation of the C	Compass by Amplitude ⊙ observed at Sunrise, ship's head	,	"	
Variation of the C	compass by Amplitude ⊙ observed at Sunset, "	0 ,	"	
Variation of the C	ompass by Azimuth ⊙ observed at "	0 ,	"	
Variation of the C	ompass by Azimuth ⊙ observed at "	0 /	"	
Water expended du	uring the preceding 24 hours,	320	gallons.	
Water	during the preceding 24 hours,		"	
Water remaining o	on hand fit for use at Noon,	222	0 "	
Coal consumed dur	ring the preceding 24 hours,	/ tons	33 ° 1bs.	
Coal remaining on	hand at Noon,	66 " /		

P. M.		1					
1	MI by M	Cash	3	30.26 67 6967	be	cir.cum.	5
2		4	3	30.23 68 69 66		4	
3	1119r	4	3	30.20 68 68 66	•		
4	,	4	3	30.19 68 68 66	4		6
5	686	636	3	30.19 68 68 66	4		5.
6	86	"	4	30.19 71 67 65	*		7
7	, ,	*	3	30.19 71 64 65	. 4	*	7
8	SE by E	East	3	30.19 73 67 65		4 /	8
9	" "		3	30.19 73 67 64	4	*	P
10	ESE NE	611,6	3	30.20 72 66 63	4	a	9
11	NE	,	3	30.20 72 63 61	4	4 6	
Mid.	n Ir by M	*	3	30.20656361	"		Street Street Street
130/20/20						State of the last	1000

, U. S. Navy, , 18 91.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences; and until 40 mm	
blear and his gentle herse hom 621	6 2 16
Commences and until 4 am.	W. Ry Masen Field.
How am bear and pleasant. Lentle to hight-bree at 6 6 6 6 6 Received on board for use of event beef and orgetables and 98 lbs bread. I went beef and regetables and 98 lbs bread. I gentle to by M. At 9.36 Country Officer inspected at quartus. It. L. Tubband Potter was placed in for safe keeping, by over of bounds. Officer Merid to 4 pg Merid to 4 pg Herid to 4 pg Lear and pleasant: Sentle to more of board.	Engeign U.S. H.
Clear and pleasant Lentle to light bree	ge from ME shifting
al, 6 for 6 86. Received on board for use of event	122 /2 lls: Each fresh
beef and vegetables and 98 last bread. S	P 461/1
1-911 1	Juga Hustoman
8 am to maid.	Viger 4. 2.11.
1-66 M Ol- ash Cont Colling on the	orege from AMO.
el augulier In La Subband Portel was blaced	when sugo win the creen
for sale Kuspina by over of bounda Offices	for being down
	Jan Jan
Merid lo-4/pm.	Dient U.S.M.
Varily cloudy, genelle briege, f	rome bast. o
	W. Ry Mason tald.
4 lo 8 pzn.	Ensignal &.M.
1- & Sear and pleasant. Senthe li more	rate bleeze from 656
le Cast.	1000
0 4 1 - 200:1	Lieut U.S.M.
8 pm to mia	Steel U.S.M.
8 pm 6 Mid. Elear weather, gentle-breeze from E an	W. Rm Mason Fill
	Chisign U.S.M.
	1

Examined and found to be correct.

le. K. lushi Line, Navigator.

				Reading		WIND.				BAROMETER.	TEM	PERA		State of	Forms of	lear ths.	e Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Air, Dry Balb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Sc
	A. M.				M Inbyll	Cast-	2			30.1964	460	361		bel	cvi.aim	7	
	2	1			"	11.6	2			30.19 63	362	6	/	4	4	8	
	3				7	6716	2			30.18 62				4		8	
	4				2"	4	2			30.18 62	262	261		4	4	9	
-	\$	V	-		6 by M	116	3		19.5	30.176	361	153		belie	9	9	
	6				Gast-	4618	3			30.17 60	3 6	160		bel	4	9	
	7	•			SG by 6	6116	2			30.1761	6	050	7	be	4	9	
	8				20	,	3			30.17 62				4		9	
	9				636	Gagt-	2			30.1960	16.	361		4	4	8	
	-10				116	626	3			3018 65	64	+ 62	2	4	4	5-	
	11				119		2			30.18 65	-66	64	4	4	-	6	
	Noon.				4	Gast-	2			30.1860	5.67	65	-	4	4	5	-
											1						

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 , ,,
Longitude by D. R.	0 , "
Position at Noon: Latitude by observations of ⊙	· , , ,
Longitude by chronometer from Forenoon Observations of ⊙	o , , ,
(Latitude by	• , ,,
Position at 8 a. m. Longitude by	0 / //
(Latitude by	0 , ,
Position at 8 P. M. Longitude by	0 , - , - , -
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 , ,,
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	· , ,,
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Water expended during the preceding 24 hours,	245 gallons.
Water during the preceding 24 hours,	u
Water remaining on hand fit for use at Noon,	1975 "
Coal consumed during the preceding 24 hours,	1975 " tons 400 lbs. 66 " 720 "
Coal remaining on hand at Noon,	66 " 720 "

P. M.	M Prby M	E by &	3	30.17 64 68 66	been	cir. cun	u 2
2	, /	4	3	30.15.65.68 66		4	
3	"	+	3	00.14 65 68 66	be	4	
4	1000	4	3	30.14 66 68 66	4	4	,
5	MM mg		3	30.14 67 68 66		4	4
6	26 by 6	"	2	30.14 71 67 65	hel	4	7
7	• /	"	2	30.14716765	•	*	7
8	00	7 .	2	30.14 70 67 65	be		8
9	26	Gast-	3	30.14 72 67 65	how	none	10
10	1	"	3	30.12 71 66 63	4	4	10
11	21 21 8	11/6	3	30.11 69 65-63	4	"	10
Mid.	nnE	11/6	3	30.10 67 63 61	"	,	10

Commences, and until 4 am.	
Sommences and until 4 am. Som Ed. Ho & am. Ho & am. Star & pleasant Senth bruge, from 116 Stand Ind frish two hours: Sent out large arm practice Rect in Pay Dept 122/2 Ho fr and 94 the fresh bread for issue, to crew.	steady . Light briege
from Cd.	31
11/-2	of the Heyrley
The & all.	1-6 ME 1: 11.
Sit and Ind heigh two houses Statt out to	to and los longs to
arm practice Reed in Pay Dept 1221/2 160 fr	ente beck 1221/2 the weart
and 94 les fresh bread for issue to crew.	Jesen.
1. 511 .	o Harring
and Marine Divisions - fired at Samuell a	Jest U.S.M.
5 Man & die high piege from 6	10 8086. The Vonder
(Paumenters - More rooms: and week aut to	milion - The balatain
of the port called officially Heleans I Liagon !!	TSI hom considered and
of the port called officially Heleans In J. Liggon (1) perstored him to sent by o-charge, Merio to 4 form lowery, cleaning at end of watch.	Mr. Ry Mason Fild.
Merio lo 4/0m	Ensign U.S.M.
I blowdy, cleaning at end of watch.	Baronielee falling
Dente breeze from 6 by S. Marcher Lund	living at refle larget.
Lendle breeze from & by S. Marion Lund , 1200 les: biscuit condemnes by board of surve	of & sent ashore
4 lo-8 pm. lightning. toly, light-bruge from	Lieut d. S.M.
Partially cloudy, light-breeze from	Co by S. Occasional
lightning. t	be other
0/-1-711.	W. Ry Mugn Field
I jom to foud.	- de-the Levelle-
from Ex ME.	- weavy . Time very
	Menter
	Lich. 21. S. VI.

Examined and found to be correct.

L. K. Lunti. Lim Navigator.

LOG of the United States Steamer Essex", 3rd Rate,

		_	_									1						
				Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	V	lear ths.	e Sea.
	Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
	A. M.				M Why M	71216	3			30./0	65	64	62		bel	Cir. cum	10	
	2				4/	* .1	3			30.08	64	63	62		le		10	
	3				*	Horth-	3			30.07	64	63	61		bl		10	
	4				219	4	2			30.06	64	-63	61		be	4	10	
	5				000	*	2			30.05	-64	163	61		belm	shah	9	
	6				686	u	2			30.07	69	62	60		be	eir cum	8	
	**				26	8610	1			30.07	63	63	61			ci cun		
14.	~8				*	6716	1			30.08	64	63	62		4	"	9	
	9				4	Cash	1			30.08	67	66	64	4	4	4	9	
	10				•	800	1			30.08					4	4	9	
	11				20 200	686	1			80.08					- 4		9	
	Noon.				nnn	1.	2			30.08	67	68	66		"	4	9	
						7		-			-							

Latitude by D. R. Longitude by D. R. Longitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙ Longitude by Current during the time, Rost tenths per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ observed at Sunrise, ship's head Variation of the Compass by Azimuth ⊙ obser	Course and distance	made good since preceding noon by observations,		knots.	t	enths.
Position at Noon: Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙ Position at 8 a. m. Latitude by Longitude by Current during the time, knots tenths per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head Variation of the Compass by Amplitude ⊙ observed at Sunset, Variation of the Compass by Azimuth ⊙ observed at Water during the preceding 24 hours, Water during the preceding 24 hours, Gallons.		(Latitude by D. R.		-0	,	"
Latitude by observations of ⊙ Longitude by chronometer from Forenoon Observations of ⊙ Position at 8 a. m. {Latitude by Longitude by Longitude by Current during the time, Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head Variation of the Compass by Amplitude ⊙ observed at Sunset, Variation of the Compass by Azimuth ⊙ observed at Water during the preceding 24 hours, Water during the preceding 24 hours, " " " " " " " " " " " " "	D. C N	Longitude by D. R.		•	,	"
Position at 8 a. m. { Longitude by Current during the time, knots tenths per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head Variation of the Compass by Applitude ⊙ observed at Sunset, " Variation of the Compass by Azimuth ⊙ observed at " Variat	Position at Noon:	Latitude by observations of ⊙		0	,	"
Position at 8 a. m. Longitude by Position at 8 P. M. Latitude by Current during the time, knots tenths per hour, setting to the Variation of the Compass by Amplitude © observed at Sunrise, ship's head Variation of the Compass by Amplitude © observed at Sunset, " Variation of the Compass by Azimuth © observed at " Variation of the Compass by Azimuth © observed at " Variation of the Compass by Azimuth © observed at " Variation of the Compass by Azimuth © observed at " Water expended during the preceding 24 hours, Water during the preceding 24 hours, " " " " " " " " " " " " "		Longitude by chronometer from Forenoon Obser	vations of ⊙	0	,	"
Longitude by Position at 8 P. M. { Latitude by Longitude by Current during the time, knots tenths per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head Variation of the Compass by Amplitude ⊙ observed at Sunset, " Variation of the Compass by Azimuth ⊙ observed at " Variation of the Compass by Azimuth ⊙ observed at " Variation of the Compass by Azimuth ⊙ observed at " Variation of the Compass by Azimuth ⊙ observed at " Water expended during the preceding 24 hours, Water during the preceding 24 hours, " " " " " " " " " " " " "	D. 12	(Latitude by		0	,	"
Current during the time, knots tenths per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ∘ ' '' Variation of the Compass by Amplitude ⊙ observed at Sunset, " ∘ ' '' Variation of the Compass by Azimuth ⊙ observed at " ∘ ' '' Variation of the Compass by Azimuth ⊙ observed at " ∘ ' '' Water expended during the preceding 24 hours,	Position at 8 a. m.	Longitude by		0	,	"
Current during the time, knots tenths per hour, setting to the Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ∘ ' '' Variation of the Compass by Amplitude ⊙ observed at Sunset, " ∘ ' '' Variation of the Compass by Azimuth ⊙ observed at " ∘ ' '' Variation of the Compass by Azimuth ⊙ observed at " ∘ ' '' Water expended during the preceding 24 hours,	Desirion of 0 D M	(Latitude by		0	,	"
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head Variation of the Compass by Amplitude ⊙ observed at Sunset, Variation of the Compass by Azimuth ⊙ observed at " Variation of the Com	Position at 8 P. M.	Longitude by		0	,	"
Variation of the Compass by Amplitude ⊙ observed at Sunset, " Variation of the Compass by Azimuth ⊙ observed at " Variation of the Compass by Azimuth ⊙ observed at " Variation of the Compass by Azimuth ⊙ observed at " Water expended during the preceding 24 hours, Water during the preceding 24 hours, " Water during the preceding 24 hours, " " " " " " " " " " " " "	Current during the t	ime, knots tenths per hour, setting	g to the			
Variation of the Compass by Azimuth ⊙ observed at "	Variation of the Cor	npass by Amplitude ⊙ observed at Sunrise, ship's l	nead	0	,	"
Variation of the Compass by Azimuth ⊙ observed at " o , " Water expended during the preceding 24 hours,	Variation of the Con	npass by Amplitude ⊙ observed at Sunset, "		0	,	"
Water expended during the preceding 24 hours, Water during the preceding 24 hours, a gallons.	Variation of the Con	npass by Azimuth ⊙ observed at "		•	,	"
Water during the preceding 24 hours,	Variation of the Con	npass by Azimuth ⊙ observed at "		0	,	"
and the proceeding 27 hours,	Water expended dur	ing the preceding 24 hours,		2	60	gallons.
Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 495 lbs.	Water	during the preceding 24 hours,				
Coal consumed during the preceding 24 hours, tons 495 lbs.	Water remaining on	hand fit for use at Noon,		/	7/6	"
	Coal consumed durin	g the preceding 24 hours,		tons	49	J bs.
Coal remaining on hand at Noon,	Coal remaining on h	and at Noon,		66 "	22	25 "

. М.							
1	11%	ESE.	2	30.06 67 71 68	lem	Hon2	10
2			2	30.05 67 69 67		cir.cum	
3	*		2	30.04 67 69 67	"		6
4	"	East-	2	30.0366 68 66	*	cir cum	8
5	n Ir by n	*	2	30.03676866	be	4	6
6			2	30.02 70 68 66		cir cum	
7	686	"	2	30.02 71 67 65		4	-
8	26	"	2	30.02 70 68 66	4	4	8
9		"	2	30.02 71 67 65	4	"	9
10	SE by 6	,	2	30.01 71 66 64	a	*	
11	686	616	2	30.00 69 64 62	4	4	9
fid.	16	"	2	29.99 68 61 59	4		9

Commences and until 4 a M.	
Commences and until 4 a M. Clear and pleasant : Bright - starlight : Morh and Will.	Gentle-breeze from
North and MIRE.	
	Onestone
4 lo 8 am	Crision U.S.M.
blear light- breeze from Month- to ligh	1- ails how bout
The 2 m Division field at Is mall arm lan	ochil a l
	W. Ra Mass tild
8 and lo-Merid.	Carolin 2/1 & 21
Clear and pleasant - Baronester ile	and Light air how
Ed Japast-living with-riller and revolver	the best of the
assign the Sellowing businhammed - In I Sin	one 201109. Officer
allinia of the state of the state of the	gan los asing
wousive ranguage to and in reasening	Deegr of Buard, -
valle confinement on bread and water	1-124
Mays confinement on mead and water	1. J. THewley 30
Hoth and MME. 4 lo 8 am. Clear, light-breige from Moth- to light The 2 m Division fact at I small arm flat 8 am lo Merid. Cd. Sarget-firing with rifles and perolocus: assigned the following punish ment. In J. Light abusive language to and threatening 5 days confinement on bread and water. Merid to 4-form.	Sient I. S. H.
Merid lottom.	from ESEX Tired
Merid lottom. Clear and pleasant Light-bregge Engr. Dir al-pistol and rifle practice.	from & S. Jired
Engr. Dir al-pistol and pifle practice.	from OSE+ Lined
Engr. Dir al-pistol and pifle practice.	from OSE+ Lined
Engr. Dir al-pistol and pifle practice.	from OSE+ Lined
Engr. Dir al-pistol and pifle practice.	from GSG+ Lined
Merid lo Horn. Clear and pleasant Light-brigge. Engr. Dir al-pistol and rifle practice. H lo-8 pru Clear and pleasant-Barometer from East:	Jon & Street Omstone Ensign U.S.M. strady. Light-breege
Engr. Dir al-pistol and pifle practice. H lo-8 pru blear and pleasand-Barometer from East:	Jon 6864 Lined Ometone Envign U.S.M. steady. Light-bregge
Engr. Dir al-pistol and pifle practice. H lo-8 pru blear and pleasand-Barometer from East:	Jon 6864 Lined Ometone Envign U.S.M. steady. Light-bregge
Engr. Dir al-pistol and pifle practice. H lo-8 pru blear and pleasand-Barometer from East:	Jonn OSE & Tired Omstone Ensign U.S. H. steady Light bregge Lieut U.S.H.
Engr. Dir al-pistol and pifle practice. H lo-8 pru blear and pleasand-Barometer from East:	Jonn OSE & Tired Omstone Ensign U.S. H. steady Light bregge Lieut U.S.H.
Engr. Div al-pistol and pife practice. of H lo-8 pru blear and pleasand-Barometer from East.	Jon 6864 Lined Ometone Envign U.S.M. steady. Light-bregge

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of		lear ths.	Sea.
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb,	Waterat Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sec
A. M.				71719r	116	3			29.90	67	63	61		bo	nous	11	
2				"	4	4			29.94	466	63	61		4	4	10	
3					4	4			29.92					bew	ciroh	-9	
4				" 13	20	4			29.91	66	63	61		•		8	
5				Mby Ir	1116	4			29.91	66	64	61		be	stre!	5	
6				110116	"	4			29.91	66	63	60		4	4	4	
7				Go by M	4	4			29.93	64	163	61		u	4	3	
8				636	4	5			29.93	65	-64	62				5	1
9				2	50 1	4			29.93	69	69	63	-	4	4	7	100
10				Cast-	Morth-	4			29.98					4	,	6	1
11				71719r	11219r	3			29.93			1 1		4	4	8	
Noon.				4	4	3			29.92	73	77	69		4	4	8	1
											//	1					

Course and distance	made good since preceding noon by observation	18,	knots.	tenths.	
	Latitude by D. R.		0 ,	"	
	Longitude by D. R.		0 ,	"	
Position at Noon:	Latitude by observations of ⊙		0 ,	"	
	Longitude by chronometer from Forenoon O	bservations of ⊙	0 ,	" ,	
	(Latitude by		,	"	
Position at 8 a. m.	Longitude by		0 ,	"	
Position at 8 P. M.	(Latitude by		0 ,	"	
Position at 8 P. M.	Longitude by		0 ,	"	
Current during the	time, knots tenths per hour, se	etting to the			
Variation of the Cor	mpass by Amplitude o observed at Sunrise, shi	p's head	0 /	"	
Variation of the Cor	mpass by Amplitude o observed at Sunset,	u	0 ,	"	
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0 /	"	
Variation of the Cor	mpass by Azimuth O observed at	u	0 ,	"	
Water expended dur	ring the preceding 24 hours,		305	gallons.	
Water	during the preceding 24 hours,			. "	
Water remaining on	hand fit for use at Noon,		141	10 "	
Coal consumed during	ng the preceding 24 hours,		tons /	255 Tbs.	
Coal remaining on h	and at Noon,		65 "	12/0 "	

P. M.	610	600			1	1.	
1	71 %	11/2	3	29.92 74 77 69	be	circum strat-	5
2	4	11 by 9r	3	29.88 73 76 70	beg	,	2
3	•	MH W	2	29.87 74 79 69	abeg		1
4	"	,,,	/	29.87 74 75-70	ochta		
5	,	South -		29.89 72 72 70	actip		
6	11 9 by 21	NE	1	29.91 / 72 70	A	, "	
8	E by M	"	1	29.91 73 72 70		+ 4	
9	25	MME	1	29.91 73 71 68	ACL "	4	/
10	"	11719	3	29.92 74 7/69	+		8
11	South-	In Son		29.94 75-7169	4	и	
Mid.	"	89r	4	29.90-75-7069	"		/

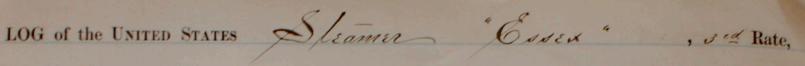
Commences and until 4 am.
Clear and pleasant- Lentle to morgate brigge, from 116. Ba.

rometer falling.

Jung Huttohnan. Heid in Pay Defor 122/2 Hor fresh beef, 122/2 lb. fresh wege tables; 98 lb. fresh brook of Merid. Chear and pleasant. Moderate and gentle breezes from MMClo WM M. alf-9.30 musheed at quarter and exercised as for poutine. Just riflemen al-larget-practice. Comdo. Officer assigned the following punishments in M. Kinster (5, 5), Ed. M. Sweeney (M. J), J. J. Enright-(6H) and M. Behn (Pot) peting from liberty tight, - reduced to 2nd class, I mouth. It Is. Hubbard 2 Pot) and fore Dwyer (bH) returning from liberty dunk, -pe, duced to 2nd class, 2 months. Merid le-4 form. Gloomy in the Str. Distant - lightning and thunder fast hour. Gentle breeze to light - airs from MIsto MW. Fired gatting, at-target from boat-distance sooyds: from ship, and 1th boarders and 25th boarders at volley firing Sat- larget- at 50 yds- dislarice. Sent a liberty party ashore. Esprancis in Oud. Dept 2300 rife x 2000 zeoolve cardidge. for laget foractio fellow, All olwan to sport. Siect U.S. H. Cloudy with thunder and lightning. Raining first two hours: Light-airs to gentle breezes from South land 116. At-4.50 sent-down top gallant-masts. Hoisted steam launch. 8 frm li Mid. Ensign U.S.N.

Blearing Light- to-gentle-breeze from MME toMM. first-part; shifting at-10 to-48 th goith-a force of 8 pm lo Mid. stiff berige and working to Shr with a force of moderate bridge Feat-lightning in the ME to My. Juga Hardwan

Examined and found to be correct.



			Reading		WIND.				BAROMETE	ER.	ГЕМР	ERAT	TURE.	State of		f Clear 10ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ti in inches. at	her.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 101	State of the So
A. M.				South -	8%	3			2997	74	68	67		ke	cir rein	6	
2				& 9r	South-	3			29.98			1		1	unil		
3				ms m	,	4			29.986			/		bel	"	0	
4				, ,	,	5			29.976	1,	1.			4	4	6	
5				South-	2556	4			29.96					"	cum nin	166	
6				256	4	3-4			30.057	70	65	62		"	7	2	
7				26	26	2			30.076	69	65	62	2	Ac	,	1	
8				4	4	3			30.06 6	68	64	61		4		1	
9				4	4	3			30.09 6	66	64	60	,	o e		0	
10					4	3			30.146					4	4	0	
11				*	4	3			30.08 6	7	64	62		4	4	0	
Noon.					4	4			30.076	7	65	62		и	um of		

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 ,	".
Position at Noon:	Latitude by observations of ⊙	0 /	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
Position at 8 a. m.	(Latitude by	0 ,	"
Position at 8 a. m.	(Longitude by	0 /	"
Position at 8 P. M.	(Latitude by	• ,	" .
Position at 8 P. M.	(Longitude by	0 ,	"
Current during the	time, knots tenths per hour, setting to the		
Variation of the Co	mpass by Amplitude @ observed at Sunrise, ship's head	0 ,	"
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	. ,	"
Variation of the Co	mpass by Azimuth ⊙ observed at "		"
Variation of the Con	mpass by Azimuth ③ observed at "	• ,	"
	ring the preceding 24 hours,	3/0	gallons.
Water Distil	Uzd during the preceding 24 hours,	280	4
Water remaining on	hand fit for use at Noon,	1380	4
Coal consumed duri	ng the preceding 24 hours,	tons	970 lbs.
Coal remaining on h	and at Noon,	tons 2	40 "

. М.	10	1 -					
1	26	256	3	30.06 68 66 63	ac	umb.	0
2	626	686	3	30.03 68 66 64	be.	4	4
3	60	to by &	3	30.03 68 67 64	4	4	
4	116	,	4	30.00 69 67 65	4	4.	3
5	North-		4	30.00 68 6765	ac	4	
8	6 by &	,00	3	30.00 73 67 65	4	4	
7	686	686	3	30.0074 6765	och	4	0
8	*	,	3	30.00 75 68 66	och	"	0
9		9"	3	30.01 74 68 66	4	1	0
10	4	Gast	3	30.02 746865	och		
11		"	2	- 30.04 7467 65		"	
fid.			2	30.04746866	ocld	1	0

Commences and until 4 arm.
Changeable weather first, clear, bright startight him overcast and cloudy and endings clear. Deutte briege, from & minerasing to fresh from South Latter part. Lightning to His. Ship lying across tide. 4 lo 8 a.m.

Bloudy Light - to movegate breeze from \$56 and 86.

Execution recovering orders doisted out - strang culter. Ot-7.45.

sent-up top gallant-maste. Started fines for distilling.

8 am to Merid.

Overcast- and pan . Sentle to movepate breeze from Sto. Barometer pissing until 10 and their felling. Began distilling.

Merid to 4 form

Merid to 4 form

Lember to mostrate breeze from Sto to Chy S. Ship being Lende-10- mostrale breeze from St to-6 by & Ship lying across the Tide last-hour Distilling. 4 le 8 pm. Lieut 2, S.M., Lieut 2, S.M., Concast and rand. Moderate le gentle breeze from Colois le 6 86. Distant-lightning by the insthin half of the horizon latter part-of watch. Haining last hour. Hois le of the steam launch. Distilling Jug All thuman longe of the Steam launch. Distilling Jug All thuman longe of the Mid. S. M. Longe from See to Cast. Histolling Lieut V. S.M.

Examined and found to be correct.

Le. K. leusin Lim Navigator.

			-			The latest training	-			_	_				and the	
			Reading		WIND.				BAROMETER.	TEMI	PERAT	URE.	State of	Verma of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther att'd	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Marby 11	Cast-	3			30.03 73	88	66		ocl	ninh	0	
2				"	" 0 0	3			30.03 71	67	66		oclp.	и	0	
3				700	686	5			30.01 69	1.1			4	9	0	
4				206,	256	3-6			30.01 69	66	65		4	4	0	
5 .				DO by &	\$6	4-6			30.01 69	63	62		oclag	+	0	
6				28	"	4-5			30.01 68	62	61		acldg	4	0	
7				"	*	3-5		1	30.02 67	63	61		acq,	4	0	
8				4	*	3-5	-		30.046	64	62		redge		0	
9				4	4	4			30.0766	63	62		acr	4	0	
10				4	4	4			30.07 66	63	62		acd	4	0	
11				"	4	4			30.07 66				4	4	0	
Noon.				"	4	4			30.07 66				*	4	0	
1							122	1000								

	Course and distance	nade good since preceding noon by observations,	kno	ts.		tenths.	
		Latitude by D. R.			,	"	
	Position at Noon:	Longitude by D. R.			,	"	
	Position at Noon:	Latitude by observations of ⊙			,	"	
		Longitude by chronometer from Forenoon Observations of ⊙			,	"	
	Position at 8 a. m.	Latitude by			,	"	
	Position at 8 a. m.	Longitude by		,	,	"	
	Position at 8 P. M.	Latitude by			,	"	
1%	Position at 8 P. M.	Longitude by		,	,	" -	
11/6	Current during the t	ime, knots tenths per hour, setting to the					
	Variation of the Cor	apass by Amplitude ⊙ observed at Sunrise, ship's head		,	,	"	
	Variation of the Cor	pass by Amplitude ⊙ observed at Sunset, "			,	"	
	Variation of the Cor	npass by Azimuth ⊙ observed at "			,	"	
	Variation of the Cor	npass by Azimuth ⊙ observed at "			,	"	
		ing the preceding 24 hours,			3/8	gallons.	
	Water Distill	Ed during the preceding 24 hours,			888		
	Water remaining on	hand fit for use at Noon,		29	150	0 "	
	Coal consumed during	g the preceding 24 hours,	/	tons	72	26 Tbs.	
	Coal remaining on h	and at Noon,	6.	3 "	17	53"	
					/		

. М.	12	0 1				
1	26	86	4	30.05-676461	00	cum sho
2	886	4	5	30.05-67 65-61	be	4 4
3	2894		5	30.06 67 65 61	4	
4	9 8 9r	4	5-	30.06 66 65 61	4	4 6
5	Shy gr	4	5	30.07 67 65 62		4 6
6	Morth-	4	*-5-	30.09 70 66 62	4	cicam 4
7	116	4	5	30.11 72 65 62		1 7
8	6 by S	"	5-	30.14 73 6562	4	" 6
9	886	"	4-5-	30.14 73 64 59	4	4 7
10	S by 6	"	4	30.18-5-6459	4	4 7
11	226		4	30.14-73 6259		4 7
fid.	Stoly &		4	30.15 70 62 58		" 7

, U. S. Navy, , 18 9/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 am.	
from East hauling to 686 and SSE and	anis L. 111
from East hauling lot 686 and 886 and	Snephying to still
Preeze.	
	Ry Mason Fuld.
4 6 8 gm.	nsign U.S.M.
Hospen. 4 los am. Overcost. Light-driggle first hour and la in & W first part. Moreath logentle breeze. Is fresh squalls. Distilling. 8 am lo Merid Gloudy with pain first-hour, light-	of half hour Lightning
in & W first part. Moterate la gentle breeze	from So with stiff
to fresh squalls. Destilling.	alian Soull
8 am la Marid	Jung Tuytounar
Cloudy with raine first-hour light	drivole at-times-
last there hours. Moderale bruge from Sto, moderate	lactor sea . Head 1221
As beef, 122/2 lfo vegetables and go lbo bread	in Pay Defol - Following
Jounishments were assigned by over of bound	19. Officer M. B. Hubban
Pot Insubordination 2 exter Extra duly	Deo. Griffith - (Poh)
Refusing to obey orders of Sergh. C. Howalk	- redlected lo 200
class; I month-and 3 weeks esta deely. De	stilling.
	C: 10/ 19/
Merid loff pru.	11-1- + M. W. M.
Scally sailed in the state of tilli	hilm oreeze
from So. O cauca juico anace alsureing	W. Ren hain Fill
4 lo 8 /221.	Cysign U.S.M.
Cartly cloudy clearing weather, ste	iff briege from
\$6.	
4 lo 8 for Sousy clearing weather, ste Sp. Som lo Mid Clousy, steff to moderate	p. 9 10 10
Spom to flid - 11 + 11	XIENT C. D. O.
Varlially cloudy, sleft to moderate	W. B. Show Till
	Eusign U.S. M.
	Justynow, S. F.

Examined and found to be correct.

Le. V. leussi Zim Navigator.

LOG of the United States Steamer Essen " , 3rd Rate,

Ol-Colonia, Unuquay.

			Reading		WIND.				BAROME	ETER.	TEME	ERAT	URE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				86	S6	5			30.16	67	62	57		b	ume	10	
2				/"	4	5			30.16	67	61	37		4	. 4	10	
3				"	4	5			30.16					4	*	10	
4				02,0	4	5			30.16	63	60	56		•	4	10	
5				SG by S	4	4			30.16	65	60	36		1	4	10	
6				28	0400	4			30.17	65	60	5-5	-	be	ir obi	-9	
7				100	226	4			30.18	62	39	53	-	4	7.	9	
8				256	"	4			30.19	63	59	56		4	.4	9	-
9				2000	4	3			30,21	63	39	36		4	cir.cu	u. 9	
10				\$6 by \$	4	3			30.22					*	4	9	
, 11-				04	4	3			30.22					4	4	9	
- Noon.				4	4	3			30.22	265	-61	57		4	4	9	

Course and distance made good since preceding noon by observations,	knots.	tenths.	
(Latitude by D. R.	0 ,	"	
Longitude by D. R.	0 /	"	
Position at Noon: Latitude by observations of ⊙	0 ,	"	
Longitude by chronometer from Forenoon Observations of ⊙	0 /	"	
(Latitude by	0 ,	"	
Position at 8 a. m. (Longitude by	0 /	"	
(Latitude by	0 /	"	
Position at 8 P. M. Longitude by	0 ,	"	
Current during the time, knots tenths per hour, setting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 ,	" -	
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 ,	"	
Variation of the Compass by Azimuth ⊙ observed at "	0 /	"	
Variation of the Compass by Azimuth ⊙ observed at "	0 /	"	
Water expended during the preceding 24 hours,	30	gallons.	
Water Distilled during the preceding 24 hours,		0 "	
Water remaining on hand fit for use at Noon,	285	0 "	
Coal consumed during the preceding 24 hours,			
Coal remaining on hand at Noon,	63 "	875 lbs.	

. М.	1200				,	
1	2648	& E by &	2	30.21 65-61 36	he,	cir cum 9
2	Sby Ir	4	2	30.20 65-6/57		a 9
3	Withy Ir	"	2	30.20 66 64.58	4	" 9
4	"	, ",	2	30.21 66 65 60	4	" 9
5	11%	256	2	30.21 65-66 61	u	4 9
6	410 1	"	2	30.21 69 65-60	le	noncilo
7	Marby M	"	3	30.22 71 65 60	4	4 10
8	nn gr	"	3	30.22 72 64 60	*	11 10
9	4	"	3	30.21 73 63 59	be	circum 9
10	Horth-	\$6	3	30.21 73 63 58	11	" 9
11	11 by m	the state of the s	3	30.22.73 62 58		4 9
ſid.	nn m	676	2	30.22 71 60 58	4	n 9

, U. S. Navy, , 18 9/.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Sommerces and until 4 am.

Stear and pleasant Baronselia strady, fresh bregge from

St. D. Partin (Solo) stood estra watch by onthe of Condo Herr.

Ht & arm.

If the sare and pleasant Moorpale bregge, and sea from Sto.

8 am. In Mich of Solar and pleasant breeze from SSE. Painting homework clother. Aired bedding.

Mich to Hom.

Shear and pleasant Baronselia straig Light breeze from

St. by 6.

4 to 8 form.

Stran and pleasant Saronselia straig Light breeze from

Store of Meylow

Characant pleasant Spect to gentle breeze from SSE.

Show to Mid.

Stran and pleasant Spech to gentle breeze from SSE.

Strang Sile.

Examined and found to be correct.

le. K. lemser Zaint Navigator. LOG of the United States Steamer Cosses, 3rd Rate, Oblinia, Uniquay.

	-	_							1	_//							
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Variation of	lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.				111194	716	2			30.21	64	34	37		he	cir cu	49	
2				71716	4	2			30.21	69	37	53		4	. 4	9	
3				716	4	2		1	30.21	67	50	33	100	4		9	14
4				,	4	2			30.20	66	54	52		*	*	9	1
5				11716	4	2		1911	30.21	64	68	33	13.76	4	4	8	
6				Horth -	16	3			30.21					*	4	9	
7				11 by 9r	*	3			30.21					4	4	9	
8				71 111 9r	4	3			30.21					4		8	
9				N by &	6116	2			30.22					4	4	9	
10				1,		2			30.21					4	*	9	
11				6 by S	216	24			30.20					beg	1	8	Part I
Noon.				86	676	2-4			30./8					. 7	1	8	
												/					

Course and distance	made good since preceding noon by observations,	knots.	tenths.	,
	(Latitude by D. R.	0 ,	"	
	· Longitude by D. R.	0 /	"	
Position at Noon:	Latitude by observations of ⊙	0 /	,,	
	Longitude by chronometer from Forenoon Observations of ⊙	0 /	"	
D. C.	(Latitude by	0	"	
Position at 8 a. m.	Longitude by	0	, ,,	
Position at 8 P. M.	(Latitude by	0	, ,,	
Position at 8 P. M.	Longitude by	•	, ,,	
Current during the t	ime, knots tenths per hour, setting to the			
Variation of the Con	npass by Amplitude ⊙ observed at Sunrise, ship's head	•	, ,,	
Variation of the Cor	npass by Amplitude ⊙ observed at Sunset, "	0	, ,,	
Variation of the Cor	npass by Azimuth ⊙ observed at "		, ,,	
Variation of the Cor	npass by Azimuth ⊙ observed at "	0	, ,,	
Water expended dur	ing the preceding 24 hours,	3.	08 gallons.	
Water	during the preceding 24 hours,		"	
Water remaining on	hand fit for use at Noon,	26	42 "	
Coal consumed during	ng the preceding 24 hours,	tons	/25 5 Tbs.	
Coal remaining on h	and at Noon,	62 "	1865 "	

M. 1	Sto by &	E by &	3	30.16 65 63 58	le	cir cune &
2	70	1.	3	30.13 65-63 58	4	4 9
3	686		3	30.09 65 62 38	4	19
4	*		4	30.07 66 62 58	4	4 9
5	North-		4	30.07666259	• "	. 8
6	1111 gr		3	30.66 69 62 59		. 8
7	"	4	3	30.06 7062 60		4 8
8	"		3	30.06 7161 58	,"	* 8
9	Morth-	East	5-	30.07 7061 38	bal	16
0	"	,	4	30.08 70 34 37		4 5
11	MME ME	"	3	30.07 69 +8 56	aclf	cum xint 0
lid.	ME	ENE	3	30.05 69 57 55	2 1 1	. /

Commences and until 4 and	
Commençes and until 4 am. Light-breeze, from Estra evalch- by ovor of Conteg. Officer.	11E D Park was 1-
Estão evolet- he overe of louiso Offices	TIC. NOWHER POST STOOD
and your of the state of the st	Enskrone
4 15 8 6m.	Consing 21. S. W
Clear weather gentle-breeze from the	6 Red Leek bearing
for use of crew.	1 A Str G
to 8 pm. Ho of crew. Jan 1- Maid	W. Rry Mason Field
sam lo Merid	Epsigar U.S.M.
blear, and pleasant - Barometer Saller	ing slowly. at- 9.30
for use of crew. Sam lo Merid Connedo. Officer inspected ship and crew pelrasto Dr.J. Liggan (OS) from confinement him under Sentry's charge. Merid 14 form.	al-qualters. By his order
released By J. Ligg are (OS) from confinemen	I- in hig, and placed
him under sentry's charge	at-
	Muleuten
Merid 1. 4 pm.	Speed 21 8.71.
	modern and from
6 by D. Dent-liberty party ashore.	00 - 2
	XMisione 1/12
4 to 8 pm	busiquell. S.M.
Clear and pleasant - Baromelu	steady. Sente to
6 by S. Sent-liberty party ashore. 4 lo & form Clear, and pleasant. Baromelin moderale breeze from Eby S.	MIN.
2/- 1-M:1	5. 4 8 W
om loghid.	- View-U. S. 11.
8 sm lo Mid. Passing showers last bri S'd and Wid. Gentle To gresh breezes from	money your of na
Da um na. Lempe to green surges gros	majone.
	Ensige U.S.M.
	, and the second

LOG of the United States Steamer Esses. all-Colonia, Uruguay.

			Reading		WIND,				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the
A. M.				North -	686	2			30.05	68	68	36		ocl-	wind-	0	
2				Cast-	4	2			30.06	68	39	36		octlo	-1	0	
3				6116	"	2			30.03					,	"	0	
4				6 by M	6 by H	3			29.99	66	58	56				0	1
5				Mh by Il	Variable	/-3			29.98	66	5%	36			4	0	
6				91.45%	Dby M	4-7			30.03					ocl/zg	. "	0	1
7				& In by S.	& Copy &	4-5			30.09	164	134	38		belle	stral	41	-
8				686	686	4			30.03	64	61	39		be	stral	5	1000
9				1646	Gast-	3			20.04	64	62	60		1	cir ola	8	
10				11 In by Ir	\$ 6	2			30.07	66	62	64		•	"11	9	
11				3.0	SSIF	2			30.08					"	cir cun	9	126
Noon.				MA	SIr	2			30.08	65	-64	61		4	4	6	1

Course and distance	made good since preceding noon by observations,	knots. tenths.	
	(Latitude by D. R.	0 / //	
	Longitude by D. R.	0 / //	
Position at Noon:	Latitude by observations of ⊙	0 / //	
	Longitude by chronometer from Forenoon Observations of ⊙	0 / //	
	(Latitude by	0 / //	
Position at 8 a. m.	Longitude by	0 , "	
Position at 8 P. M.	(Latitude by	0 , ,	
Position at 8 P. M.	Longitude by	0 , ,	
Current during the t	time, knots tenths per hour, setting to the		
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 / //	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset, "	0 , ,	
Variation of the Cor	mpass by Azimuth ⊙ observed at "	0 / 1/	
Variation of the Cor	npass by Azimuth ③ observed at	0 / //	
Water expended dur	ring the preceding 24 hours,	298 gallons.	
Water	during the preceding 24 hours,	"	
Water remaining on	hand fit for use at Noon,	2244 "	
Coal consumed during	ng the preceding 24 hours,	2244 " tons 400 lbs.	
Coal remaining on h	and at Noon,	62 " 1465" "	

P.M.	0.00	0			1	
1	N D I	SI	3	30.07 66 64 61	bes	cir.cum 8
2	1 2 h 2 h	SSW	2	30.07 68 65 62	4	4 9
3	4	4	2	20.07 7067 62	4	4 9
1 886			2	30.07 68 67 62		, 9
5	4		2	30.07 68 67 62		4 9
6	1010	4	3	30.07 71 65-61	4	4 9
7	Strby W	*	3	30.08 73 65-62	4	. 9
8	West	*	3	30.11 73 64 62	4	" 9
9	IrN W	4	3	30.11 73 64-61	6	20012/10
10	4	S by Ir	2	30.10 73 63 60	4	4 10
11	0"	1.	2	30.13 72 63 60	4	" 10
Mid.	Why Dr		1	30.13 71 63 60		" 10

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 am	
Thunder and lightning chiefly is showers: Barone ber falling.	1 1 6 SE 1-641.
The dea and Killerin Chille	July 11/2 will like house
Shand of and light wing .	in the Min hour begin housing
showers: Pouroine ter falling.	a Millalman
	Jugy Furtour and
4 lo 8 am.	jeul-U.S.M.
1 Orreast slearing last-hou	on Barometer riging Raining
hars at times - before 5:46 with alm	out- continual buter and
lightning to Md x Ed. and occasion	
light ning to na a soa. and occome	ally to sa . Wind variable and
light-fill 5:40 when it-came out; from	D'I in strong squal with
pain, and continued to blog from So with- gradually dicesaring force. Ree'd beef, 122/2 the vegetables, 98 lbs bread.	and Dd by Gd till end of watch
with- gradually dice Easing force. Med	in Vay Dept- 122/2lls fresh
heel 122/2 for vegetables - 98 lbs - bread.	
	The Mewton
Sam lo Maid.	2.1, 9/2 11
8 am 6 Maid.	- and gentle breezes from Gost-fo-
00 Clear and pleasant. Light	and gentle breezes from cost to
SN. W-9.30 mustered at quarters	and exercised debs. as four
routine all- 10.05 loosed sail to	-a bundling. Broke out torfor
do gran & hammock nellings - & b	eans vigaina stram launch
and getter than the same	of are for the state of the sta
I to her foraction the boundar Ost	. and the following
for lor fordo practice, The Loundy. Ut	icer assigned the following
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
punishments, vig: Thos. Hahrely &doit	ighting 5 days confinement on
Journishments viz: Thos. Slahenty Sdoit of Spead & water and reduced to 4th dass; I hearty is released. Merid to 4 pm. Lear and pleasant. Synthe cruise torpedo. Justed sail. He & pm. Lear and poleasant. Had to creise torpedo. Justed sail.	ighting. Sidays confinement on suordhs. B. Bertel Sen (Sea) Tighting sement on breas & water, after Thos: To light bregge from SW 658. Tocolo exercise, fixing one ex. Jung Light May and gentle bregge from SSM.
Journishments vig: Thos. Slahenty Sdoit of bread a water and reduced to 4th dass; I have the dass; I have a stayor confin fleherty is released. Merid to 4 pm. Lear and pleasant. Synthe creise torpedo. Justed sail. He & pm. Lear and poleasant. Light-	ighting. Sidays confinement on suordhs. B. Bertel Sen (Sea) Tighting sement on breas & water, after Thos: To light bregge from SW 658. Tocolo exercise, fixing one ex. Jung Light May and gentle bregge from SSM.
Journishments vig: Thos. Slahenty Sdoit of bread a water and reduced to 4th dass; I have the dass; I have a stayor confin fleherty is released. Merid to 4 pm. Lear and pleasant. Synthe creise torpedo. Justed sail. He & pm. Lear and poleasant. Light-	ighting. Sidays confinement on suordhs. B. Bertel Sen (Sea) Tighting sement on bread & water, after Thos: To light bregge from SW 658%. Tocolo exercise, fixing one Ex. Jung Light May one S.M. and gentle bregge from SSM.
Journishments vig: Thos. Slahenty Sdoit of bread a water and reduced to 4th dass; I have the dass; I have a stayor confin fleherty is released. Merid to 4 pm. Lear and pleasant. Synthe creise torpedo. Justed sail. He & pm. Lear and poleasant. Light-	ighting. Sidays confinement on suordhs. B. Bertel Sen (Sea) Tighting sement on bread & water, after Thos: To light bregge from SW 658%. Tocolo exercise, fixing one Ex. Jung Light May one S.M. and gentle bregge from SSM.
Journishments vig: Thos. Slahenty Sdoit of bread a water and reduced to 4th dass; I have the dass; I have a stayor confin fleherty is released. Merid to 4 pm. Lear and pleasant. Synthe creise torpedo. Justed sail. He & pm. Lear and poleasant. Light-	ighting. Sidays confinement on suordhs. B. Bertel sen (Sea) Sighting rement on breas & water, after Thos: To light bregge from SW 658M. Todo exercise, fixing one ex. Jung Light My www. Jich d. S. M. and gentle bregge from SSM.
Journishments vig: Thos. Slahenty Sdoit of bread a water and reduced to 4th dass; I have the dass; I have a stayor confin fleherty is released. Merid to 4 pm. Lear and pleasant. Synthe creise torpedo. Justed sail. He & pm. Lear and poleasant. Light-	ighting. Sidays confinement on suordhs. B. Bertel Sen (Sea) Tighting sement on breas & water, after Thos: To light bregge from SW 658. Tocolo exercise, fixing one ex. Jung Light May and gentle bregge from SSM.
punishments, vig: Thos. Hahrely &doit	ighting. Sidays confinement on suordhs. B. Bertel sen (Sea) Sighting rement on breas & water, after Thos: To light bregge from SW 658M. Todo exercise, fixing one ex. Jung Light My www. Jich d. S. M. and gentle bregge from SSM.

Examined and found to be correct.

le. V. lemin

LOG of the United States Stames Exsex , 3rd Rate,

Reading	WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Forms of	Hear ths.	e Sea.
of COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb.	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M. 1 West	SSW	2			30.14	47/	63	60		le	Honz	10	
2 2 8 9	4	2		3	30.14	70	63	60			4	10	
3 Flood South	æ	1			30./5	70	62	60		low	u	10	
4 26	00.	1			30./0	68	62	60	-	4	и	10	
5 256	SW.	2			30./3	1				be	cir cur	49	
6 0210	208	2			30./3					4	4	9	
7 26 by 8	616	/		200	30./3				199		9	9	1000
8 Oly S	5/18	0			30.13					4	4	9	
9 11/1 6/11	116	1			30.14					4	4	8	-
10 210 10	2006	/			30.13	1				,	"	8	
11 11 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1	202	1			30./3	/	11				4	8	
Noon. G by M	686	2			30.12	66	66	62		*	4	8	

Course and distance	made good since preceding noon by observations,	knots.	t	enths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ⊙		,	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"	
	(Latitude by	0	,	"	
Position at 8 a. m.	Longitude by	0	,	"	
	(Latitude by	0	,	"	
Position at 8 P. M.	Longitude by	0	,	"	
Current during the	time, knots tenths per hour, setting to the				
Variation of the Con	mpass by Amplitude o observed at Sunrise, ship's head	0	,	"	
	npass by Amplitude ⊙ observed at Sunset, "	0	,	"	
Variation of the Cor	npass by Azimuth ⊙ observed at "	0	,	"	
Variation of the Cor	npass by Azimuth ⊙ observed at "	0	,	"	
Water expended dur	ing the preceding 24 hours,		.322	gallons	
Water	during the preceding 24 hours,			"	
Water remaining on	hand fit for use at Noon,		1922	- "	
Coal consumed durin	ng the preceding 24 hours,	ton	1922	00 lbs.	
Coal remaining on h	and at Noon,	62 "	106	3 "	
		The same of the same		-	

P. M.	1 0	2 -			,	
1	256	\$6	1	30.12.65-65-60	le c	cir com g
2	,	*	1	30.10 67 65-58		. 9
3	*	•	1	30.08 67 65 39		4 9
4	"	" " " " " " " " " " " " " " " " " " " "	2	30.06 67 63 39	4	cir str 8
5	" 0 0	686	2	30.05 66 64 60	4	4 6
6	686	,	2	30.05 70 6439	4	. 4
7 666	En &	Gast-	2	30.05 72 63 59	4	
8	Morth-	ENE.	2	30.05-69 63 59	,	. 5
. 9	Nh by I	"	3	30.02 66 61 58		" 3
10	•	"	3	30.02 63 61 38	ac	rimb 0
11	"	1116	3	30.0162 61 58		4 0
Mid.	"	Morth-	3	29.98 62 61 58		, ,

Commencer and until 4 am.	
Clear and pleasand: Der latter part - x	ight breeze to light airs
from SSI. Moon set-3.51	
from SSN. Moon set-3.57 4 lo 8 am. Clear and pleasant - balm lo light - br 6716, essculed morning orders:	A Arrive
4 6 8 am.	Xuch U.S.M.
& The Clear and pleasant. Dalm to light - br	reger from & W and
ONO Executed morning orders.	Continue
1 am 1-Mil	Course 1/28 7/
blear and blea ant - Vielt- in - 1 - l.	let- histo be 16 1-
Sam L'Muid. blear and pleasant- Light-airs-lo-lig S&C. Al-8.45 loosed sail to a bowline. Al-	9.30 milstired at another
Exercised at fire quarters. 1st stream 45 000;	2 nd sterame 55 net 3 nd
stream Ind 20 see The following punishments	- were adjudged by
the Counda Officer: a.C. Larsen (OS) - Bu	ing lagy and not moving
when all hands were called - I misnight watches	5, 19. C. Wendy (PM)
Coming to quarters with shoes not shined - 4h	rs estra duli . C. M.
Carver (S. Bugl) Profamily 4 mid watches: in firing at larget, soo yards; with firing to Merid to 4 form.	Exercised first Division
in firing at larget, soo yards, with firing le	ibe in beg sar
Merid to 4 form.	Jung Valley Comment
Exercised 2nd Division in firing at larget - son	light heres bourst
Exercised 2nd Division in Siring at larget - wi	The Siring table
	1 Through
4 lo 8 /211.	Sich d. S.M.
Ho spin. Light breeze from 686 1.61. spom to Mid. from 6 Mid. from 6 Mile to Mork: cloudy last here he	6. A 10 11
1-211:	Jugot Wyong in
spom be filled.	xicul (1. D.M.
bom Colle 1- Math - cloudy last - hree hi	ours: Ximile oriege
giorn alles so bloom.	Sind-2/8.71
	900.0.00

Examined and found to be correct.

le. N. lur.

LOG of the United States Steamer Essex", ord Rate,

			Reading		WIND.				BAROMETER	, TEM	PERA	TURE.	State of		lear ths.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches. There att'd	Air, Dry Bulb.	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				Horth -	North-	1			29.99 6	261	18		be	cir cun	. /	
2				116	"	1			29.98 62	60	54		4	cir. rime	11	
3				26	*	1			299761	60	57		ac	4	0	
4				S G by S	4	2			299561	60	57		9		0	
5				66971	"	3			29.9461	160	37		4	cir. cun		38
6				Horth-	4	2			29.94-61	60	37		be	cir cun	-3	13/2
7				11119	4	2			29.9464	+60	58		4	4	4	3/2
8				"		2			29.9460	3 60	54		4	4	2	1
9				1194	111195	1			29.9564	461	58		4	4	5	-
10				"		1			29.95-68	64	61		"	"	7	
11				"	"	2			29.95-6					"	8	
Noon.				4	4	1			29.94 67						8	

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allons.
u
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Tbs.
"

. M.	00	a .			0	
1	SIr by S	n I hyn	2	29.92 68 67 63	&c.	cie.cum 8
2	SE by S	,	3	29.92 68 69 64	4	4 6
3		"	2	29.91 68 69 65	,	+ 4
4	"		2	29.91 69 69 65		4 4
5	, "		2	29.91 68 69 64	4	. 6
6	2556	"	1	29.91 72 69 65	,	. 6
7	1/8/1	"	1	29.93 74 69 66	4	. 5
8	WM 94	2591	2	29.93 74 67 64		" 9
9	11/94	"	2	29.93 73 67 64	4	1 9
10	11/11/11		2	2993 73 67 63	6.	20012 10
11	4	"	3	29.93 73 67 63	"	4 10
Mid.	"		3	29.94 73 66 62	4	" 10

Commences and until 4 am.	
Commences and until 4 am. Cloudy, light-airs from North-	1. 2 - 1 6.
Ho 8 am. Ho 8 am. Bloudy. Senthe to light breeze from use of crew 12k /2 lbs - each fresh beef & vegle tables 8 am to Merio. Bartle-cloudy to-clear weather. Light-a	W. Kno Masen Fuld
468am.	Ensign U.S.M.
Cloudy. Lentle to light breeze from	Mark - Received for
use of crew 12/2 lbs each fresh feel & vede tables	and 98 lbs bread.
	Gugs Fall Holman
8 am lo-Merio.	Vicul- 21. S. M.
Cartly-cloudy to-clear weather. Light-a	ries and light bricge from
8 am lo-Merio. artly-cloudy to-clear weather. Light-a 11 71 W. all-g. 30 inspected at-quarters and had	Sattalion drill.
	At wine
Merid lo-4 form. Partially doudy, light-to-gentle-breeze Div. fired at-larget- with gun lube in 60 porg	Licut V.S. U.
Partially doudy, light-to-gentle breeze	from MWby M. Second
Dir fired at larget with gun lube in 60 / 50/2	rifle.
	M. Kon Macu Fill.
4/6-8/pm.	Ensign Il. S.M.
arthy cloudy, pleasant weather Light-	breege and light- airs-
from M. Proy it and & M.	
	got Amilum
8 pm lo Mid.	Lieut. 21. S.M.
Clear weather, light-to gentle breeze	from Sy. o.
8 pm lo-Mid. Elsar wrather, light-lo-gentle-brege	W. Rom Mason Field.
	Ensign U.S.M.

LOG of the United States Stramer Cosex', 3rd Rate, Colonia, Uruguay.

						_		0							-
			Reading	COLDED STREET	WIND.				BAROMETER.	TEMPE		State of	Forms of	Clear oths.	le Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther. in inches. att'd.	Air, Dry Bulb. Air, Wet	Bulb. Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				WS W	894	4			29.93 70	636	10	be	cir cum	G	
2				SS W	6	3			29.92.70	620	9	4	4	9	
3				886		2			29.92.69	1		*	6	9	
4				*		2			29.9267	636	0	*	"	9	
5				,	*	2		033	29.93 63	636	6	6,	nonL	10	
6				Douth-	0 .20	2			29.93 64	636	0	le,c	cir	9	
7				W by S	917194	/			29.94 64	4630	9	Sem	4.	9	
8				917191	* * * * * * * * * * * * * * * * * * *	2		199	29.9463	640	9	be.	4	9	
9				10/1	11/9/	2			29.95-68	65	12	4	circum	9	
10				11 / by 28	71 98 by W	2			29.96 71	65	1	"	"	9	
11				"	*	2			29.96 68	666	/	4	"	9	
Noon.				"	"	3	-		29.96 68	67 6	3	6	nonz	10	-

Course and distance	made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of ⊙	0	,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	"
	(Latitude by	0	,	"
Position at 8 a. m.	(Longitude by	0	,	"
Position at 8 P. M.	(Latitude by	0	,	"
Position at 8 P. M.	(Longitude by	•	,	"
Current during the	time, knots tenths per hour, setting to the			
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	•	,	"
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	0	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at "	0	,	"
Variation of the Co	mpass by Azimuth ③ observed at "	0	,	"
	ring the preceding 24 hours,		320	gallons.
Water Dist	elled during the preceding 24 hours,		225	
Water remaining on	hand fit for use at Noon,			" "
Coal consumed duri	ng the preceding 24 hours,	ton	18/4	46 lbs.
Coal remaining on l	hand at Noon,	61 "	60	15" "

. м.	200	011			1	
1 Floor 1.30	11 by 2	Why &	3	29.94 70 69 64	6	20012, 10
2 Hoos 1.30	Doubh	"	3	29.94 70 70 65	"	" 10
3	886	0',	3	29.93 70 69 66	4	1 10
4	0 0	West	2	29.93 70 70 67	4	" 10
5	South-	,	2	29.93 70 70 66	be	cir cum 9
6	71891	0000	2	29.93 73 69 66	4	" 9
7	Ir by Il	Ir by &	2	29.92 74 69 65	4	" 9
8	"In M'Sr	4	3	29.92 74 67 63	40	" 9
9	"	10	3	29.95-72 67 63	6.	nonz 10
10	"	89	3	29.96 72 66 62	4	" 10
11	,	,	3	29.96 71 65 62	"	" 10
Mid.	"	"	3	29.96 70 65 62	4	" 10

, U. S. Navy, , 18 9/.

Commences and until 4 am. Sear and foleasant Bright moonling. breeze from S. W. C.M. Carver (S. Bugl) D. Park sen (OS) sloot extra watch by over of loos 4 to 8 am.	
. Clear and pleasant - Bright - moonling	ht-Moderate to light-
breez from & W. C.M. Carver (S. Bugl) A. Park	re (Ldo) and a. O. Lar.
set (OS) sloot extra watch by over of loo	ridg. Officer.
	o Its Henton
468 am.	Just - Il S. H.
Clear and pleasand . Light-bruge from	ce & W x WM W. Started
fires for distilling. Moon set at 5:30	DV_
Hlo 8 am. Clear and pleasand Light-bruge from fires for distilling. Moon sel- at- 5:30	- (· · · · · · · · · · · · · · · · · ·
8 am lo Mered.	2100 0 m 11 1
al-wester weather, right brief from it	and the by I Musteed
8 am lo Merid. Clear weather, light-breeze from My, at-quarters and exercised all boats under so	M. Por Man till.
Manis 1-4 6211	6. 18 11
Miris lo 4 pm. Bright- and pleasant. Baromeler for	Mine slowly Dentle-
breeze from Wby S. Commenced founding	a ship outside The
Commanding Officer assigned the following	sunishmento viz. H. C.
Muller (Sol Steeping on post-lone week	Extra dily . J. F. Sullivan
(Sappad) Losing boat hook - hoo night wa	tches: M. G. Husband Porty
Passing call improporty 48 hours - extra	gely. Thos. Lisbons (box)
Shirking, logging in Captain's Office	Reduced to Seamon
By order of Comdg. Officer H. S. Selin (2	Sea) was pated to Coxorain
11 1- 1 - 1	(. 4 0) - 8 21
7 60 8 pm	Seur a. S.M.
4 lo-8 form Clear weather, light-briege from M painting ship side and Power. Div. fired 60 pdr. Distilling.	and Hoys. Similar
hadden Distilling	as range man and of
offer. Dumery.	W. Kn Masn Fild
8 form la Mid.	Consign U.S.M.
8 fom la Mid. Sente breeze from SW.	Baroineter steady.
Level - breeze from SW.	
	Licul U.S. V.
	Vieuch U.S. N.

Noon. Noon	-	_							0	0								
A.M. 1						WIND.				BAROME	ETER.	TEMI	PERAT	TURE.	State of	Vorme of	lear ths.	e Sea.
1	Hour.	Knots.	Tenths.	Patent			Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather,	Clouds, by	Prop. of C Sky, in 10	State of the
2 5 lood 2.00 \$ by 6 " 2 29.96 69 64 61 " " 10 3 4 \$ \$ 6 " 2 29.96 69 63 61 " " 10 5 " 6 2 29.95 69 63 61 " " 10 6 " 6 2 29.95 65 63 61 " " 9 8 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$					West-	South-	3			29.96	69	64	62	,	l w	House	10	
3 29.96 69 63 61 " 10 5 " East- 2 29.95 69 63 61 " 10 6 " East- 2 29.95 63 61 " 9 8 Shy 6 " 3 29.96 62 58 57 bef 9 9 Mily M MM 2 30.00 64 61 60 bem 4 10 11 11 11 11 11 11 11 11 1	2	The	00	2.00	Sby 6	"	2			29.96	69	64	61		4	4	1000	
4 2 29.96696361 " 10 5 " 6asl-2 29.95656361 be recir cum 7 6 " 6 216 2 29.95656361 " " 9 8 Shy 6 " 3 29.96625857 bef " 9 10 10 10 2 30.00 646160 be recir cum 7 2 30.00 646160 be recir cum 7 2 30.00 646160 be recir cum 7 3 29.96625857 bef " 9 10 10 30.00 646160 be recir cum 7 2 30.00 646160 be recir cum 7 3 29.96696361 " " 9 10 30.00 646160 be recir cum 7 2 30.00 646160 be recir cum 7 3 2 30.00 646160 be recir cum 7 4 3 2 30.00 646160 be recir cum 7 3 2 30.00 646160 be recir cum 7 3 3 29.96696361 " " 9 10 3 29.966961 " 9 10 3 29.966961 " 9	3				886		2								"	4	10	
6 " 6 16 2 29.9565-6361 " " 9 8 8 8 8 9 11 11 11 11 2 30.01 68 66 63 " 9 11 11 11 11 21 2 30.01 68 66 63 " 9 11 11 11 11 21 2 30.01 68 66 63 " 9	4				86	4	2								, "	•	10	
6	5				"	Gast-	2			29.95	-69	63	61		bezu	cir can	x 7	
8 9 11964 6 " 3 29.96 62 58 57 Bef . 8 9 11964 71 11911 2 30.00 6461 60 ben . 4 10 11 11 1197 2 30.01 68 64 62 be " 9 11 11 1197 2 30.01 68 66 63 " " 9	6				"	6116	-			29.90	565	63	61		4	4	1	
9 10 10 10 11 11 11 11 11 11 11 11 11 11					0219	"	3								1 1	*	8	
10 11 19 2 30.01 68 64 62 be " 9 11 2 30.01 68 66 63 " " 9					50 by 6	20 5000	000000								bef		8	
11 19 2 30.0168 66 63 " " 9	-				My by M	111111									bene		4	-
0 200 2 30.0168 66 60 " "	-				20	510	-								be	7	9	
Noon. 1111 West - 2 30.00 66 67 64 " " 9					000000	6171									4	"	9	
	Noon.				111191	West-	2			30.00	66	67	64	4	4	"	9	

Course and distance	made good since preceding noon by observations,	knots. tenths.	
	Latitude by D. R.	0 , ,,	
Position at Noon:	Longitude by D. R.	0 1 11	
Position at Noon:	Latitude by observations of ⊙	0 , "	
	Longitude by chronometer from Forenoon Observations of ⊙	0 / //	
Position at 8 a. m.	(Latitude by	0 , ,,	
Position at 8 a. m.	Longitude by	0 / //	
Position at 8 P. M.	(Latitude by	0 , ,,	
rosition at 8 P. M.	Longitude by	0 , "	
Current during the t	time, knots tenths per hour, setting to the		
Variation of the Cor	mpass by Amplitude observed at Sunrise, ship's head	o , , , , ,	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset, "	0 / //	
Variation of the Cor	mpass by Azimuth ⊙ observed at "	0 / //	
Variation of the Cor	mpass by Azimuth ⊙ observed at "	0 / //	
	ring the preceding 24 hours,	J/0 gallons.	
Water Distill	ad during the preceding 24 hours,	2006 "	
Water remaining on	hand fit for use at Noon,	3/50 "	
Coal consumed during	ng the preceding 24 hours,		
Coal remaining on h	and at Noon,	1 tons 9/5 lbs.	
		1	

P. M.		2 10					
1	11 Ir by Ir	218 %	1	29.99 66 69 66	be	cir cum	9
2	Dby 6	:	1	29.98 67 70 66	"	4 2	
3	\$ 6	89	1	29.97 67 69 65	le	none	10
4		86	1	29.97 686965	4	4 /	10
5	"	Cast-	1	29.96 68 68 65	4	/	10
6 510	\$'10	6/16	1	24.97 70 68 64	4	" /	10
7 666 7.30	So ky S	116	1	29.97 73 67 64		. 1	10
8	11/1/19	4	1	29.98 74 66 64	4	" /	10
9	11 9 by 21	*	2	29.99 74 66 63	4	* 4	3.
10	,	21 21 8	2	29.99 75-66 63	4	" 4	7
11	,	1116	3	29.99 75-65-62	"	" "	7
Mid.	"	Morth-	3	29.98 74 65 62	*	" 4	7

Commencer and unil 4 am.	
a Clear and pleasant : Bright-mo	rulight - Light- and gentle-
breezes from South - Distilling . Co.M. K	barver S. Bugl), D. Parker (Ld.
breezes from South - Distilling & M. K. and J. F. Sullivan (S. appeal) stood	expa watch by order of Loundy
Officer.	mistane
4 to 8 am. Garly cloudy, light-breeze from Josevision for use of crew. as-work 2) istilling.	Consigne U.S.M.
Partly cloudy, light-breeze from	Cast- and EHE Rec'd fresh
provision for use of crew. W- work	in painting ships side.
L'is felling.	W. Rin Mason Full.
8 am lo Maid.	Ensigne U.S.M.
8 am lo Maid. Bright- and pleasant: Barometer MM y. M Ir and West: Ut-9.30 muslined	steady Light-bruge from
MM g. M Ir and West - Ul-9.30 muslered	al-quarters Dilled aftergrants
as follows: 1th Dir air gun practice 2 th	les great guns; o = Des firing
flood cocks of magazine & gun collon	love room and lound them
	1. 1. Mel ~ 0+11
I in good nooking order. Vairting	lower white proband. Depop
distilling, hauled fires.	lower white persons. Stopps
I in good working order. Painting distilling, hauled fires.	lower white persons. Stopps
distilling, hauled fires: Wainling Merid to 4 form. Clear and bleasant: Sight-a	ins- home mest of S.M.
Merid lo 4 form. Therid lo 4 form. Sinished foamting ships side Fires.	irs- from In I'M. SM & St.
Merid lot form. Stear and pleasant: Sight a finea with adjustment full in 60 par H.	ins-from INSW, SWASE. Marg. and Eaga Division B.M. S. Basilisk anchored
Merid lot form. Stear and pleasant: Sight a finea with adjustment full in 60 par H.	ins-from INSW, SWASE. Marg. and Eaga Division B.M. S. Basilisk anchored
Merid lot form. Stear and pleasant: Sight a finea with adjustment full in 60 par H.	ins-from INSW, SWASE. Marg. and Eaga Division B.M. S. Basilisk anchored
Merid lot form. Stear and pleasant: Sight a finea with adjustment full in 60 par H.	ins-from INSW, SWASE. Marg. and Eaga Division B.M. S. Basilisk anchored
Merid lot form. Stear and pleasant: Sight a finea with adjustment full in 60 par H.	ins-from INSW, SWASE. Marg. and Eaga Division B.M. S. Basilisk anchored
Merid lot form. Stear and pleasant: Sight a finea with adjustment full in 60 par H.	ins-from INSW, SWASE. Marg. and Eaga Division B.M. S. Basilisk anchored
Merid lot form. Stear and pleasant: Sight a finea with adjustment full in 60 par H.	ins-from IrSM, SHASE. Marg. and Eaga. Division B.M. S. Basilisk anchored
Merid lot form. Stear and pleasant: Sight a finea with adjustment full in 60 par H.	ins-from IrSM, SHASE. Marg. and Eaga. Division B.M. S. Basilisk anchored
Merid lot form. Sinished foamting ships side Finca wish-adjustment full in 60 par H.	ins-from INSW, SWASE. Marg. and Eaga Division B.M. S. Basilisk anchored

Examined and found to be correct.

le. V. leur ho Level Navigator.

LOG of the United States Steamer Essex, and Rate, Colonia, Uruguay.

_	-	-					-	- 0			and the same of	-	-				
			Reading		WIND.				BAROME	ETER.	TEMI	PERAT	URE.	State of	Vorms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
A. M.				11 Wby 11	North-	2			29.99	772	64	61		be	cia.cum	49	
2				,	" . 00	2			29.94	71	63	60		4	4	9	
3				,	21719	Many .	-		29.99	70	62	39		4	"	9	
4				"		2			29.99	69	62	59		4	4	9	
5				0	•	3			29.99	168	62	59		4	air	9	
6				WIIW	*	3			29.99	68	63	61		4	4	9	
7				20 10	71/91	3			29.99	67	65	63		4	cir.cum	6	
8				11 W by W	4	3			29.99	68	67	63		4	ч	7	
-0				11%	"	2			29.98	71	66	63		le	none	10	133
10					,	3			29.99	70	67	63		,	"	10	
11		-		*	•	3			29.99	70	68	64		be	cir	8	
Noon.				"	,	3			29.99	70	68	65	-	"	"	8	

Course and distance	made good since preceding noon by observation	18,	knots.	te	nths.
	(Latitude by D. R.			,	"
D	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		•	,	"
	Longitude by chronometer from Forenoon O	Observations of ⊙	0	,	"
D :::	(Latitude by		0	,	"
Position at 8 a. m.	Longitude by		ó	,	"
Position at 8 P. M.	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the	time, knots tenths per hour, se	etting to the			
Variation of the Con	mpass by Amplitude o observed at Sunrise, shi	ip's head	0	,	"
Variation of the Con	mpass by Amplitude O observed at Sunset,	"	0	,	"
Variation of the Cor	mpass by Azimuth ⊙ observed at	"	0	,	"
Variation of the Cor	mpass by Azimuth O observed at	"	0	,	"
Water expended dur	ring the preceding 24 hours,			335-	gallons.
Water	during the preceding 24 hours,				«
Water remaining on	hand fit for use at Noon,		28	15	u
Coal consumed during	ng the preceding 24 hours,		tons	106	5 lbs.
Coal remaining on h	and at Noon,		19"	860	5 - "
			/		

P. M.							
1	Marky Ir	W11 9	3	30.00 70 70 66	lee	cir cum 8	
2	m by M		3	30.00 71 71 67		8	
3	SE by 6	"	2	3000 70 72 69	4	steat- 7	
4	S. & By S	MEN/-	2	30.00 70 71 68		" 7	
5	886	25% 2586	1	30.00 70 7168		16	11/1
6	SE by S	886	1	30.00 73 6966	"	cir ains	1
7	8\$	686	2	30.00 746765	4	. 6	
8	"	"	2	30.01746664	9	, 4	3
9	"	"	3	29.99 7665 63	bel	cir cum 2	
10	6 by 8	Cast-	3	29.98 75 65 63		. 2	
11 Colb 10.	45 7176	"	3	29.97 74 65 63	"	" 2	
Mid.	- 71 11 Dr	"	3	29.96 73 65-63	boul	1 2	7

Commences and until 4 arm	
Commences and until 4 gru lear and cool . Popight - moonlight: from Horth- lo NM W. Popight - moonlight: 4 to 8 17 M	Light-to- genette breeze
from North- lo-WM Ir. Bright were coloret	
	Jang Fartholmen
4 6 8 am.	Virel- U.S.M.
from North- 15 MM W. Topaged Scoologhet- 4 to 8 am. Bright- and pleasant - Baromelee & from MM and MM.	sleady. Demble breege
from MIN W and MIN.	1311.
saml-Maid	Sitt Ill & Ill
blear and pleasant - Sentle and light	breeze from M. W.
avied bedding . Inspected bago & hammocker	f. Marg Div. By order
of Coundy. Officer released Ros. Habrely (Ads)	rome confine ment and
confined B. Bertelsen on bread and water for	2 five days.
	Conde
711 . 1 1	£ . Margine 21
Samli Maid. Samli Maid. Clied bedding. Inspected bago & frammocker of Conda. Officer released Fos. Flakely (Ids) of Confined B. Bertelson on bread and water for Merid to 4 form.	Ensign U.S.M.
Merid lo-4 form. Elear and foleasant. Sentle-to-light	Ensign U.S.M. breege, from WM W Is- West.
Aledr and foleasant. Den le la light	Greege, from HIN Wast.
Aledr and foleasant. Den le la light	Greege, from HIN Wast.
4 lo 8 pm. Clouding, Light-airs and breeges from	Such S. S. S. S. S. S. C. S. C. S.
4 lo 8 pm. Clouding, Light-airs and breeges from	Such S. S. S. S. S. S. C. S. C. S.
4 lo 8 pm. Clouding, Light-airs and breeges from	Such S. S. S. S. S. S. C. S. C. S.
4 lo 8 pm. Clouding, Light-airs and breeges from	Such S. S. S. S. S. S. C. S. C. S.
4 lo 8 pm. Clouding, Light-airs and breeges from	Such S.
Alear and foleasant. Den le la light	Such S. S. S. S. S. S. C. S. C. S.

LOG of the United States Steamer Essex", 3rd Rate,

															-	-
1000			Reading	COURSES STEPPED	WIND.				BAROMETE	R. TEN	MPERA'		State of	Forms of	f Clear 10ths.	e Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Th	Air, Dry	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of C Sky, in 10	State of the Se
A. M.	Fle	000	11.30	1119	686	3			29.986	96:	463		oel	nim	e o	
2				606	Gast-	3			29976	86	4 63	3	4	4	0	
3				SGly 6	4	3			29.956				"	4	0	
4				286	*	3-5			29.946				octla	4	0	
5				SE by S	26	4-6			29.956	1			actly e	. "	0	
6				86	"	5-6			29.966			/	oclad		0	
7				S C by S	886	4-6			29.97 6				o eggs	,	0	
8				356	"	4-6			30.01 6.				"	u	0	
9	Ebr	1 9.	15	S. Coly S.	S C by S	5			30.04 6	25	13	-	och		0	100
10		/		My by S	STE.	5-6			3006 6				ocgr	4	0	
11				NY.	Sto by S	5-6			30.07 6				"	4	0	
Noon.				"		5-6			30.096				ben	"	2	

Course and distance	e made good since preceding noon by observations,		knots.	tenths.
	(Latitude by D. R.		0 ,	"
	Longitude by D. R.		. ,	"
Position at Noon:	Latitude by observations of ⊙		0 /	"
	Longitude by chronometer from Forenoon ()	vations of ⊙	٠,	"
Position at 8 a. m.	(Latitude by		0 ,	"
Position at 8 a. m.	Longitude by		0 /	"
Position at 8 P. M.	(Latitude by		,	"
I delution at 6 I. M.	Longitude by		0 ,	"
Current during the	time, knots tenths per hour, setting	ng to the		
Variation of the Co	ompass by Amplitude 🔾 observed at Sunrise, ship's	head	0 /	"
Variation of the Co	ompass by Amplitude o observed at Sunset,	"	0 /	"
Variation of the Co	ompass by Azimuth @ observed at	4	0 ,	"
Variation of the Co	ompass by Azimuth \odot observed at	4	0 /	"
Water expended du	ring the preceding 24 hours,		353	gallons.
Water	during the preceding 24 hours,			u
Water remaining or	n hand fit for use at Noon,		246	0 "
Coal consumed duri	ing the preceding 24 hours,			600 lbs.
Coal remaining on	hand at Noon,		59 " 4	
			/	

P. M.	9400	1210					
1	SE by S	Stop &	4-6	30.10 625755	ocg 6	cum nine	40
0		4	4-6	30.10625735			
3 Floor at 2.30	200		46	30.10 62 57 53	beg	*	1
3 Floor at 2.30	S Chy S		4-6	30,11 62 38 33-	acarlo		0
5	"		4-6	30.13 64 58 55	oeg/s		0
6		"	46	30.15-64-58 53		4	
7			4-6	30.19 67 58 54	0"	. 0	
8			4-6	30.2167 57 53	-	cir. cum	
9 Coll al 9.43			4-6	30.23 68 56 52		" .	1
8 6 lb alg.43	100 10		4-6	30.25 68 56 52		-	
11 Mid.	Why W		5-6	30.26 65 56 52			
Mid.	WAS W		5-6	30.25-62 55-52		cir.str.	8

Commence the tel war	
Commences - x until 4 d'M. Cloudy, last half hour heavy par light wing making up to - Sid. Lenke he squall state half hour. Soveng to floor & 4 to 8 am. Opercast and cloudy and raining, breezes from Sto to ISE. Coxecutes in cultir	
Cloudy, last half hour heavy pla	un squalls with thunder and
light ving making up to god. Level to be	ege from CAG le Gast Tresh
squall state half hour. Soveng la flood &	ide from 1.30 to 2.00
	I Hopeine
46-8am.	Vieit 4.8.11.
Overcast and cloudy and raining,	squally. Moderate to fresh
breezes - from SE to - SSE. Executes n	norning orders: Hoisted strang
auther-	
Church .	CM 10-
o am 1. Maid	Control of the
ounto produce.	· f- 1 morghey. S. My
Overcast wish a small break is	he clouds last hour Tresh
briege with slift squalls from DOS	y and DO. Maining until
11. 30 Swing lottebb across goind and	tide at 9.15 Reed, for use,
of crew 1221/2 lbs rach fresh beef and vege	Tables - and go lbs - bread.
	Lings Followan
Merid 6-4/om	Lieut - U.S. M.
Cloude with short beried bartly	lear third hour Moderate
losse hand Sto had with brown strong	equaller Somme li llond al 2.30
Sam lo Merid. Sourcast with a small break in bring with stiff squalls from So so I sound and of creat 122/2 lbs: sach fresh beef and erge breeze from So by S with frequent strong of the sound strong	J. Harris
11 1-a hass	1: 19/8/11
10 0 0 1 1 1 - 1 - 1 - 1 - 1 -	till 11 86/8
Hosping rapidly last hour. Moo	suff squalls from the
Corecast first three hours of with pas	Ding showers first hour.
Clearing papeally last hour Moo	ne pose, about Sill
1 701	Jugi Harriman
I form to flyid.	1 / sur. U.D.M.
frar and poleasant. Fresh	la strong beege from SE
by D. Gob tide. Ship across wind	and lide of
	I totaling
Spom lo Mid: Spom lo Mid: Sport and Soleasant - Fresh by S. Ell tide. Ship across - wind	Foreit-U.S. M.

LOG of the United States Steamer Essex", 3rd Rate,

-	-	-				-										1000
1			Reading	COURSES STEPPING	WIND.				BAROMETER	. TEM	PERA	TURE.	State of	Forms of	f Clear 10ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of C Sky, in 10	State of the Se
A. M.				W. l. 31	SE	. ,			/	1 /7						
2	1	1		West Dr	"00	3-5			30.24 60	53	37		veg ,	cu,	8	
	Sto	rod	3.00	206	200	4			30.23 60				be		9	-
4				o a	0"0	4			30.23 60	53	48		4	-	9	
5				26	216	3			30.24 50	150	850	100	le	4	9	
6	1	do	tide	-10 04	018	3			30.24 59	154	450		de	cir.sh	-9	
7	6	06	lide	Dby W	200	3			30.24 5	137	45-1		4	cir.cum	2	
8				NW	"	3			30.24 5	150	32		4	4	9	
9	-			4	4	2			30.24 60	03	34		"	4	G	
10				10 10	"	2			30.25-61				"	ximb	4	
11				11 Wby W	SS W	2			30.25 6/			,			4	
Noon.				"	\$ 94	2			30.25-61					cir cum	6	

Course and distance	made good since preceding noon by observations,	knots. tenths.
	(Latitude by D. R.	· , ,
* -	Longitude by D. R.	o. , "
Position at Noon:	Latitude by observations of ⊙	0 , ,,
	Longitude by chronometer from Forenoon Observations of ⊙	0 / . //
Position at 8 a. m.	Latitude by	0 , "
Tosition at 8 a. iii.	Longitude by	• , , ,
Position at 8 P. M.	Latitude by	0 , 1,
1 0011011 110 0 1 . 52.	Longitude by	o , ,,
. 4	time, knots tenths per hour, setting to the	
Variation of the Con	mpass by Amplitude ⊙ observed at Sunrise, ship's head	• , ,
Variation of the Cor	npass by Amplitude ⊙ observed at Sunset, "	0 / //
Variation of the Cor	npass by Azimuth ⊙ observed at "	0 , "
Variation of the Cor	npass by Azimuth ⊙ observed at "	0 / "
Water expended dur	ing the preceding 24 hours,	342 gallons.
Water	during the preceding 24 hours,	u
	hand fit for use at Noon,	2/18 "
	ng the preceding 24 hours,	tons 400 lbs.
Coal remaining on h	and at Noon,	59 " 65 "

P. M.		00			4			1
1	MI by Ir	SW	2	30.24 61 61 57	be	cir cum	7	
2	• 1	*	2	30.23 39 62 38	4	*	5	
3	-		1	30.21 38 62 38		*		
4	"	000	1	30.20 38 62 38	4		9	
5	11 Sr 21 Sr	SSW	1	30.20 39 63 38	4,		9.	3
6	WILL		1	30.19 65 6056	6.	none	10	
7	11 W	n.E	1	30.18 68 6056	"	. "	10	
8	Morth-	,	2	30.19 69 59 56	9		10	
9	1121/4	"	2	30.20 69 57 53	*	*	10	
10	71 Sv	•	2	30.22 68 57 53	"	"	10	
11	10.0	"	2	30.22 68 54 55			10	1
Mid.	MA by M.	"	3	30.21 65 57 55		4	10	

Commences and contil 4 g. m.

The sall washer stiff to medicale bruge from SE and SSE.

It is all house from the bruge from SE to SSE Society of Stiff of the stand of the stand of the freed in Tay Supt he said from SSE sound of the freed of the said of the stand of the stand of the said of

Examined and found to be correct.

Lint-Navigator.

=	_		_			1					-					0		0
				Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of		lear ths.	e Sea.
	Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the Se
A	. M.				M. Irby N.	Horh-	2			30.20	60	33	32		be	cir cur	9	
	2				. /	*	2			30.20	64	455	32		9	4	9	
	3				"		2			30.20	63	54	52		4	-	9	1
	4	,			mais e		2			30.20	63	54	132		1		9	
	5	JI	000	1	11216		2			30.20	63	53	50		ben	cir	9	
	6				Ch &	11/16	2			30.20	62	53	30		4		9	1
	7				200	*	2			30.20	58	54	52		be	9	9	
	8				Cast	4	3			30.28	58	54	452		4	4	9	
	9	66	6 8	.30	1	North-	3			30.23	60	58	54	4	+		9	
	10				1194	4	1			30.23	61	60	33	-	"	4	9	
	11				1111 94	"	2			30.23						"	9	
N	oon.				"	4	2			30.23					"		9	
1																		

Course and distance	made good since preceding noon by observation	8,	knots.		tenths.
	Latitude by D. R.		0	,	"
Position at Noon:	Longitude by D. R.		0	,	"
Tosidon at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Ol	bservations of ⊙	0	,	"
Position at 8 a. m.	(Latitude by		0	,	"
rosition at 8 a. m.	(Longitude by		•	,	"
Position at 8 P. M.	(Latitude by		0	,	"
rosmon at 8 r. M.	Longitude by		•	,	"
Current during the t	time, knots tenths per hour, set	tting to the			
Variation of the Con	mpass by Amplitude o observed at Sunrise, ship	p's head	•	,	"
Variation of the Cor	mpass by Amplitude o observed at Sunset,	u	0	,	"
Variation of the Cor	npass by Azimuth o observed at	"	•	,	"
Variation of the Cor	npass by Azimuth O observed at	"	•	,	"
Water expended dur	ing the preceding 24 hours,		·	02	gallons.
Water	during the preceding 24 hours,				u
Water remaining on	hand fit for use at Noon,		10	8/6	u
Coal consumed durin	ng the preceding 24 hours,		ton	14.	20 lbs.
Coal remaining on h	and at Noon.		.58 "	120	2 5- "

P. M.								
1		010	Sh	2	30.21 62 63 57	The.	stral-	46
2	7.5	Soy II	SSW	2	30.20 60 62 56		4	6
3	16. 14	Soy W.	686	2	30.20 62 63 38	"	4	6
4	25.	6 /2 0	"	3	30.20 63 62 38	4	4	4
5	34.	606/46	"	2	30.21 64 63 58		4	4
6	42.8	6 × 6/40	•	2	30.2267 62 59	4	4	4
7	50.5	6,000	"	2	30.20 68 62 58	"	4	7
8	.6	686	6116	2	30.23 70 62 59			6
9	3	Gast	,	3	30.24 67 62 59	"	4	5
10	0	8716		3	30.25 68 6158	ben	*	5
11	0	ME		3	30.26 67 61 58	"		4
Mid.	0	1	116	3	30.2666 61 58	"		2

Examined and found to be correct.

le. J. leur

Lund Navigator.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4am. North : Bright - moonlight . Barometer steady . Sight-berege from Lieut U.S.M. Clear and pleasant Heavy dew fiest how hours: Bright moon light-first-two hours Light- longentle Streege from North- to MINE. Ship heading scross light flood gurrent most of watch; at 7.20 started fires under a. C. X D. boilers: Sient . 26 S. M. 8 am lo Muid. Clear weather, light - airs to gentle breege, from Hort : al-9.30 called all hands unmoor ship, and hove up port- anchor . Made preparations for sea; hoisted in steam launch and hove in to 15 four on stad. Jehain. al-11.25 got up starboard anchor and stood out of the harbor chain. Al-11.25 got up stactoard anchor and stace on ming ship. bound for Monte video. Coundy. Officer and Havigator conning ship. Draft of ships 12'11" ford, midship 14'7" aft-16'3". W. Ratham full. Cusign U. S.M. Merid to 4 pm Clear polouding over at and of watch Barometer falling slowly Light breeze from Str. 88 M. and 686. Show out of Colonia harbor Wavigator con sing . al-1PM. took departure Ir. End San Sabriel Id bearing Il by Ir Jul. and Farallow S. M. M. M. pat-log reading o. and set the course Sby Mr. al- 2. pet-log reading 8 1/4 changed course to 6 by S. al 3 to 6/2 & pattlog reading 16/4 ! Sleam 75 les - 2205 44. Partially cloudy, light-breeze from SSE Straming down 4 lo 8 pzy. the river to Monte tideo. Changed of course to 6 by & al-4.012 Odag 27. 14; lo 6 56 /26 al- 4.19 P. Log 28 3/4; lo 6 56 /4 6 al- 4.40 P.dog 31. John Chier light - bors absance distant - /2 mile to SE 148 at 5:34 Odog 39 Carrie to anchor al-652 P.dog 50.5 in 5 /2 fores of water Lat. 35:01 D. Long 37. 13 Just Osered to 45 fms on put chaire Strength of tion & Knot : Hanked fires: Willy Marn teld. 8 pm lo Mid, Ad & Ed & Baconseter steady. Light-lot gentle brough from 6116.
Moon rose about-8.30 Pr Intio DI ship brazing & 6786. Fines banked. a stranger passed to Sid of It- ship. Sient I. S. H.

			Reading		WIND.				BAROME	TER.	ТЕМІ	PERAT		State of	Forms of	Hear oths.	ie Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.		0		E116	116	3			20.26	63	61	38		oç	ninb	0	
2		2		Gast-	,	3			30.26	,				be	1-1	3	
3		3		686	50 0	3			30.24	62	61	58			abiet-	4	
4		3		2 .	Morth-	3			3028			/		4	cir cu	u 8	-
5		3		Cast-		3			30.28			/		4	cir	8	
6				11116	4	3			30.29			/				9	
7	7	9	34.7	86/46	2/1/5/5	3			30.33						4	9	-
8			64.0	Coby 11 8	1116	3			30.35					"	cir can	8	-
9	•		72.4	6/16/2/6	Il by Ir	3			30.36			/		"	4	8	
105	~		85:4	116 146	"	3			30.36					*	4	7	
Noon.	/	7	90.	118 11 8	"	2			3036					*		1	
12.30		,	98.6	116 /2/6	"	2			30.36	64	64	39		4	*	6	

Course and distance	made good since preceding noon by	bservations,	knots.		tenths.	
	Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of ⊙		0	,	"	
	Longitude by chronometer from F	orenoon Observations of ⊙	0	,	"	
	(Latitude by		0	,	"	
Position at 8 a. m.	Longitude by		0	,	"	
Position at 8 P. M.	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		0	, "	"	
Current during the t	ime, knots tenths p	er hour, setting to the				
Variation of the Cor	npass by Amplitude ⊙ observed at S	unrise, ship's head	0	,	"	
Variation of the Con	npass by Amplitude ⊙ observed at S	unset, "	0	,	"	
Variation of the Con	npass by Azimuth ⊙ observed at	"	0	,	"	
Variation of the Con	npass by Azimuth ⊙ observed at	u	0	,	"	
Water expended dur	ing the preceding 24 hours,			3/6	gallons.	
Water	during the preceding 24	hours,			"	
Water remaining on	hand fit for use at Noon,		/	1500	<i>"</i>	
Coal consumed durin	ng the preceding 24 hours,		8 to	ns /6	670 lbs.	
Coal remaining on h	and at Noon,		49	" ge	55 "	
				/		

P. M.	18				8 1		
1	\$6	686	2	30.34 63 6661	be	cir cun	4.6
2		"	2	30.3465-6438	4	4	6
3	1 0 8	4	2	30.33 66 64 60	4		6
4	686	00	1	30.32 65 6459	"	и	8
5	116	636	2	30.32656459	4	4	9
6	00'1 2	686	2	30.32 70 6460	41,		9
7	11 by 6	,	/	30.32 71 64.60		"	
8	116 be 11	"	1	30.33 73 64 60			9
9	6716	i,	/	30.32 73 63 39	6		9
10	Cast	Cash	1	30.31 73 63 60	6	nous,	10
11	0000	East-	/	30.31 73 62 60	"	4	10
Mid.	S6 by 6	"	/	30.30 72 61 58	,	,	10

Commency and until 4 a.M. from M. Fines branked Cusique U.S.M. 4/0 8 am. Spread fires and at 6. 27 hour up anchor, and fout over the Story reading 55. Course S6 146, at 7.30 changed course to 6 by Pathog 59.2 Voint polis light-ship bearing aboun distant- 1/4 mile aver. Steam 65-los. aver. Hevs: 505 W. Ray Theyon Fried. Gongiga U.S. M. Sam lo Merid. Alear and pleasant Barometer strady gentle to light - breeze from punishments vig: D. Parker (Lds) Lying. Four mid watches. Heo. M. Brachy MAStd) Slow in obeging orders: - Iwo mid watches. Thos. Continh (1 cl (flops) was pated (Sea alphael) from appel 22 " 1891 by order of bounds. Officer. al grighted the Cirro Spom aloft- at goo from the dick. Marigator Deonning. al 8.25 changed course, to 6/16/2 6 patilog 67. at 9.38 lo in for anchorage about - 4 mile distant. Speut-U.S.M. Merid 6-4/om Light-briege from ESE. Al-124 changed course to ME and changed course under direction of Marigalor steaming into Monte video harbor Ut- 12.30 made our distinguishing pennant - to Tallapoosa answed her distinguishing pennant - al-12. 37 made Interg sig 1211. Tallapoosa ansios aff! Deopped port-anchor & started to moor at-12.40. Made sig. Inter 14557. Tall above anesis of banked fires. Lit go glod anchoral-12.43 at- 2.30 hove up both ablehors and shafted mooringo - Delivered a copy of charges & opecifications preserved by Rear admiral Jr. P. M. Canen to It J. Liggan . Draft ford 12'9" amidships 14 5", aft-16.1" Ensign 21. S.M. Clear and pleasant. Barometer steady Light-brigg and light wie from Dd & God Dich J. V. B. Blucker & Droth J. Holman received order as I member of Denval Court-to convene on Friday May 12 on board U.S. S. Tella. boosa. Bearing o from anchorage (Mag) El Cerro HM 1/8/1. Oylum 116 % 6 Custom House Landing 6/2 11. 8 frm lo Merid.
Char & pleasant Sight airs from 686 to 16.

morning and found to be correct.

Sight airs from 686 to 16.

Sining n 21. S. M. Examined and found to be correct.

LOG of the United States Steamer "Cossex", 3rd Rate,
Montavider Unguay.

		-				-	-			-11							
			Reading	aavbara amanan	WIND.				BAROME	TER.	TEME	ERAT	URE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cles Sky, in 10th	State of the S
A. M.				686	116	3			30.33	69	34	57		bro	none	10	
2				Gast-	"	2			30.33	67	58	36		4		10	
3				11116	4	2			30.33				1	"		10	
4						2			30.31	66	57	5-4	-	, "	u	10	
5				Morth-	1116	2			30.30	66	56	54		be 20	cir	9	
6				Il by Ir	•	2			30.30	60	-33	53		ke	cir ole	-7	
7				0.,	•	2			30.29	57	04	12		bei		7	
8				1111/1	•	3			30.30	39	54	53		bern	cir cu	46	
9				Il by W	Morth-	2			30.30	61	37	13		be	stral	-4	
10				W/1 /	"	2			30,31					4	•	4	
11				Il by W	Il by W	2			30.31					4	4	4	
Noon.				SH by S	"	3			30.31	64	63	34		"	4	6	
												-					

Course and distance	made good since preceding noon by observations,		knots.	te	enths.
	(Latitude by D. R.		0 .	,	"
	Longitude by D. R.		0	,	.,,
Position at Noon:	Latitude by observations of ⊙			,	"
5	Longitude by chronometer from Forenoon Obse	rvations of ⊙	0	,	"
	(Latitude by		0	,	"
Position at 8 a. m.	Longitude by		0	,	"
	(Latitude by		0	,	"
Position at 8 P. M.	Longitude by		0	,	"
Current during the t	ime, knots tenths per hour, settin	ng to the			
Variation of the Con	npass by Amplitude ⊙ observed at Sunrise, ship's	head	0	,	"
Variation of the Con	npass by Amplitude ⊙ observed at Sunset,	"	0	,	"
Variation of the Con	npass by Azimuth ⊙ observed at	"	0	,	"
Variation of the Con	npass by Azimuth ⊙ observed at	"	0	,	"
Water expended duri	ing the preceding 24 hours,			390	gallons.
Water	during the preceding 24 hours,				gallons.
Water remaining on	hand fit for use at Noon,		1.	1/70	и
Coal consumed durin	ng the preceding 24 hours,		2 tons	29	O lbs.
Coal remaining on h	and at Noon,		47 "	665	· "

Р. М.	002	21 10			1	
1	286	Morth-	2	30.28 65 64 60	be	cirste 6
2	\$6	"	2	30.24 65-65-61	4	4 6
3	"	"	2	30.26 65 65 61	a	1 7
4	"		2	30.26 66 66 61	*	. 8
5	6 by S	"	2	30:26 66 66 62	4	. 9
6	Chol-		1	30.25-70 66 62		. 8
7	Mby 6	"	1	30.26 73 65 62	4	a 9
8		"	1	30.26 74 65-61	4	4 9
9	16 by 6	"	1	30.25 73 64 60	«	cir cum 9
10	1146	"	1	30.25 73 62 50	4	" 9
11	6216		2	3024686258		1 9
Mid.	636		2	30.23 65 60 57	"	" 9

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencer and until 4 arm,	
Gentle to light-breeze from ME. Jing two bly sugar. 4 to 8 a.m.	
Gentle to light-breeze from ME.	
4 lo & a.m. Sient 21. S.M.	
4 lo 8 a.m. Vient. U.S.M.	
Stear and pleasant - Barometer steady Sight breeze from the same to steady Sight breeze from the grant of Menter of Menter and light breezes from Hork & the Ir. Muster at quarters at 9.30 x escreised as per routine. Made routine signals at 9.45 Started fires for dixtelling. Released B. Bertelom (Sea) from confine ment by order of Cortidge. Officer . ransported street and	6.
8 am. lo Merid.	
Fair. Sentle and light - breeges from Hork x Il by Ir. Mustee	d
al quartres, at 9.30 x exercised as per rolline. Made routine signals	-
al-9.45 Started fixes for dixtelling . Heleased B. Bestelown (Sea) from	~
confine ment by order of Contidg. Officer . seansported sheet and	hor
B . 1	
lo bows. Returned calls on Colon Spanish and Paranahyba. Brazilian men of war.	
Merid to 4 pm.	
blear & pleasant - Sight - house from Hoth - The Thomas and dech	to
Merid to 4 pm. Merid to 4 pm. Character Sight - burge, from North: The Uruguayan deofor vessel shifted her berth; anchoring mear the dry dock. Distilling. Things Hall bolynam 4 to 8 pm.	
Tring Harfolman	
4 lo 8 pm.	
Clear and pleasant . Light airs and bereges from North	-
distribuy.	
8 pm to Midgight.	1-
Blear and pleasant. Sight airs and beige from North Distribute. 8 pm to Midnight- Chesian Il. S. M. Distilling. Distilling. Sight-airs to light-bleege from North Junt Month	
Spilling.	
Juig Latt volman Lieut-U. S. M.	

Examined and found to be correct.

Le. U. leurten Lieut Navigator. LOG of the United States Stramer Gssex", 3rd Rate,

All Monte video, Uruguay

_		_												and the		
			Reading	COURSES STEERED	WIND.				BAROMETER.	TEM	PERAT	TURE.	State of	Forms of	f Clear 10ths.	e Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther in inches.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of C Sky, in 10	State of the S
A. M.				686	North-	1			30.20 63	3 33	754	/	ben	circum	ug	
2				\$6		1			30.18 62	338	36		4		9	
3				WS W	*	1			30.16 62	2 53	06	1	4		9	
4				11 Whyll	4	1			00.15 62	337	33	-	*		9	33
5				11711	•	3			30.14 62	33	3		be	cir	9	
6				A		3			30.14-61	53	33		4	4	9	
7				20 0		2			30.15-61	15%	152		,"	4	9	
8				M by It	42-00	2			30.15 60	13%	453	-	ben	4	9	
9		-,		11111	111/1/	3			30.15 60	008	36		le zu	none	10	
10				"		2			00.15.62	261	09	7	4	4	10	
11				•	4	2			30.16 63	11			. 4	4	10	
Noon.				•	•	3			30.14 60	67	62		*	4	10	-
		1000								1						

Course and distance	made good since preceding noon by observations	,		knots.		tenths.	
	(Latitude by D. R.			0	,	"	
	Longitude by D. R.			0	,	"	
Position at Noon:	Latitude by observations of ⊙				,	"	
in	Longitude by chronometer from Forenoon Ob	oservations of ⊙		0	,	"-	
D. W. at 0	(Latitude by			0	,	"	
Position at 8 a. m.	(Longitude by			0	,	"	
Desiries at 9 D M	(Latitude by			0	,	"	
Position at 8 P. M.	(Longitude by			0	,	"	
Current during the	time, knots tenths per hour, set	tting to the					
Variation of the Co	ompass by Amplitude 🔾 observed at Sunrise, ship	p's head		0	,	"	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset,	"		0	,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at	"			,	"	
Variation of the Co	mpass by Azimuth ⊙ observed at	"		0		"	
	ring the preceding 24 hours,					gallons.	
Water Distin	led during the preceding 24 hours,			2	265	"	
Water remaining or	hand fit for use at Noon,					"	
Coal consumed duri	ing the preceding 24 hours,			/ ton	s /6	75 lbs.	
Coal remaining on	hand at Noon,		4	45 "	120	30 "	

P. M.		10				
1	Sor by W	2194	4	30.10 69 68 64	be	eir aun 7
2	S IN by W	*	4	30.07 73 69 64	4	+ 6
3	South-	"	3	30.07 68 6964	u	circum 4
4	886	^	3	30.06 67 6964	«	a 4
5	Sby 6	"	2	30.05-67 68 65	4	" 8
6	686		1	30.04 72 67 64	4	+ 8
7	119	4	1	30.03 7266 63	"	cir cure 9
8	N by W		1	30.04 75 65-63		. 9
9	1,	, ,	1	30.04 736461		. 9
10	121 %	111/	1	30.04 73 63 60	620	Hone 10
11		1116	2	30.02 70 62 60	4	. 10
Mid.	- "	*	2	29.99 71 62 34		" 10
4			1			

Commences and until 4 am. from Horth: Distilling. Bright - moon & starlight . Heavy dero. Light - airs Lient-21. S. M. 4 6 8 am. Clear and pleasant - Light and gentle breeze from Horth - Oly.00 Tallapoora made poutene signals: Hee'd in Vay Dept-122/2 bo beef and vegetable and 98 lbs bread. Distilling. Consigne U.S.M. 8 azu lo Merid. Bright- and pleasant Barons le steady Light-lo gentle breeze from IM M. Ul-9.30 had general quarter Heady 1° Dir 1. 30; 2 - Dio 1.25; 3 ad Die 1 "10; Mar. Dir 1. 75 "; Power Dis. 4 "20 "; Engr Dir, 1 " Lyon; Sung Dir, 1.20 "; Maring Quard 121/200 . Ol-10.00 Leneral Court convened on board U.S.S. Sallaforna for the trial of 9. J. Liggan (OS) Odjourned at- 11. 45 to reconvene at 1.15. Jested I floor cacks of magazine, and gun collon room, listed life buoys and found all in good working order. Distilling. Merid lo 4 pm Vient- U.D. M. Generaly cloudy but pleasant. Moderate to gentle breeze from Il. L'eneral Court-Martial on U.S. S. Sallapoosa convened at 1.15 and adjourned at 3. fo meet at 10 am Salurday May 2 mg. Ir. J. Liggan (OS) was petuin Officer Stopped distilling and hauled fires! Sporte of County.

4 to 8 pm. Clear and pleasant. Light-breeze to-light-airs from My. Dingen Lds relurning from liberty drunk and disorderly and resisting acres was put- under sentry's charge, in double irons; for safe Respirity. Ing The Jaman from MW lo- MME. Damp latter part Light-air to-light-bruge 8 pm to Mid. Liliat 21. S. H.

Examined and found to be correct,

led Cleurs -Lain - Navigator,

						-					4						
			Reading.	COURSES STEERED	WIND.				BAROME	TER.	TEME	PERAT		State of	Forms of	Hear ths.	e Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Sc
A. M.				11116	21%	3			29.99	64	61	34		6	none	10	
2				116 by 6	717194	3			29.96						4	10	
3				6 6 11		3			29.93					4	4	10	
4	-			Mon	•	4			29.93	38	56	63		,"		10	
5				******		3			29.91	61	53	54	4	620	4	10	
6				111191	4	3			29.90					becom	cir	9	
7					*	3			29.91	58	54	33		1		9	
8						3			29.91	59	33	54	4		No	9	
9				11 Wby Il		3			29.92	62	60	58		be	4	7	
10					•	3			29.92	68	63	60			"	17	
11				WIN I	9119	4			29.92	68	68	63		+	-	7	
Noon.				West-	"	3			29.90	67	68	64				7	

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	· , ,
Longitude by D. R.	· , , ,
Position at Noon: { Latitude by observations of ⊙	o , ,,
Longitude by chronometer from Forenoon Observations of ⊙	o , ,,
(Latitude by	o , ,,
Position at 8 a. m. Longitude by	0 , ,
(Latitude by	0 , ,
Position at 8 P. M. Longitude by Longitude by	0 , ,
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	0 , ,,
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 , "
Variation of the Compass by Azimuth ⊙ observed at "	0 , "
Variation of the Compass by Azimuth ⊙ observed at "	0 , ,
Water expended during the preceding 24 hours,	436 gallons.
Water Distilled during the preceding 24 hours,	00
Water remaining on hand fit for use at Noon,	2692 " tons 1165 lbs.
Coal consumed during the preceding 24 hours,	tons /165 lbs.
Coal remaining on hand at Noon,	45 " 165 "

P. M.	00	00			1	
1	271	9119	3	29.87 69 70 66	be	cir ste 8
2	7 00		4	29.85 72 71 66	,	. 8
3	MS 94	•	3	29.85 69 71 66		4 8
4	I by S		5	29.84 69 70 65	*	4 6
5.	9r & 9r	*	3	29.8468 68 64	*	. 4
6	9199	•	3	29.84726763	4	4 3
7	My by gr	11 gr	2	29.85 74 66 63	K	steat 4
8	MEST-		3	29.85 73 66 63		. 6
9	*		2	29.85 73 65 62		" 6
10	W1192	West-	2	29.86 72 65 62	be	nine 2
11	West-	"	2	29.86 7 65 63	oc	. 0
Mid.	Sgr	Son	2	29.87 7064 61	be	" 5

Commences and until 4am.	
Colone asselle to moderate hier from 119	and MM W.
Commences and until 4 am. Clear, gentle to moderate bruge from MM.	W. Ra Man July
1.1-0	Col min min
4 lo 8 azuc	Chaign U.S.M.
Clear and pleasant - Double briege for	com MM H. Jos. Ving REE
Lds was released from senter's charge	
Elear and pleasant - Sentle briege for Santy's charges	Gira Fell Jaluara
ohnel-Mail	N. 1. 19 8 7/
8 line pleased from sentings charges 8 line pleasant-weather Sentle-lo-moderate	21710
Or of De Time poreasant weather. Ventle to moderate	belge from MII II la
Il Ir. Went Court- Marrial met on board U	. D. D. Vallapoosa at 10 am
and took a recess at 11.30 h. J. Liggan (OS) w	as vent- to- U. S. S. Sallaporta
at-9.50 and reducence at-11. By order of Coundy Co	lices he was placed under
sentry's charge to avoit - the action of the authority	conversion the controling
bedding. The boundy. Officer assigned the following	lavail 1 P. Miles
reading. The boundy. Officer assigned the following	poundente il vi J. Jing ere day
Relunning from liberty - drunk a disorderly and thesis	sting arrest - 5 days
confinement on bread & water reduced lo 4th class; s	months. Is monthly morny.
If If Walder Salphan Wit- himming out-al- associa	Il x remaining in him
hammock after bring ordered out three times	To be called It hour below
all I the	Jan Jan
au nandi.	O. Hhry;
201	P. Ol o y
Merid logt pm.	Vieut- U.D.M.
Merid lot pm. Clear and pleasant - Lentle to mo	derate breeze from HMM.
Sent-likealy- party ashar The Slatt on	a board that Tallahoosa
adjourned al-130 born Reil	1- £ 4987 x \$4 47
Sent-liberty party ashore. The AlM. or adjourned at-1.30 pm. Reed in Day Defo. Served out-monthly money.	1 100
Doved out monthly money.	W. Ry hasm fuld.
	V. In Mason Tuld
H. 13. M. Bramble came in and moored	Orgign U.S.M.
andly cloudy pleasant - Sentle - bre	Ege from Will to NIV.
H 13 M & Brandle	ind inner harker
of the sound came in and modera	Otto Harris
0/-1-11.1	7. 01000
opm to Mid.	of leef-U.D.M.
Sartly clear light-breeze from Il Ir Vrx	& M. Agisfed steam cultie
	(10 1) N. J
	W. Um Masha Tula
8 pm lo-Mid. Partly clear light-breeze from 11 9r, 9rx	W. Ilm Maring Tuld

						_	Contract Contract				Same State Street	_				
Hour.	Knots.	Fenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	eeway.	Height in inches. att'd.			Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
=	×	-				14	-	7		4	4	5"			52	ä
A. M.				SS 91	N91	2			29.87 70	64	61		bel	cir sl	6-6	
2				South -		2			29.87 69	64	61		620	Hone	16	1
3				286	SS W	1			29.84 68	1			,+		10	
4						1			29.8768	64	62		beno	cir ol	5-8	-
5				Sby 6	Morth.	1			29.8766				4	cir	1000	
6				11 1/1 //	4	1			29.86 63	30	54		1	cir ol		
7				200 0	1194	1			29.8764	/	/		be	4	8	
8				Mbyll	"	2			29.8764	15-8	57		bene	4	8	
9				11799	•	2			29.88 65		/		be	cir que	-8	
10				Il Ir by Il	West-	2			29.8960	63	60		4		8	
11				In M W	Was Ir	2			29.8963					4	7	
Noon.				WEst-	"	2			29.89 64				*	•	7	1

Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / //
Longitude by D. R.	· , ,
Position at Noon: { Latitude by observations of ⊙	0 , " "
Longitude by chronometer from Forenoon Observations of ⊙	o , ,,
(Latitude by	o , ,,
Position at 8 a. m. Longitude by	o', "
	• , ,,
Position at 8 P. M. Latitude by Longitude by	. , ,,
Current during the time, knots tenths per hour, setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head	• / : //
Variation of the Compass by Amplitude ⊙ observed at Sunset, "	0 / //
Variation of the Compass by Azimuth ⊙ observed at "	0 / //
Variation of the Compass by Azimuth ⊙ observed at "	0 / "
Water expended during the preceding 24 hours,	357 gallons.
Water during the preceding 24 hours,	"
Water remaining on hand fit for use at Noon,	2336-
Coal consumed during the preceding 24 hours,	tons /350 lbs.
Coal remaining on hand at Noon,	44 " 1055 "

P. M.	080	1 10			1	
1	De N	DO W	/	29.87 64 6460	lec	cir str 6
2	She by S	, ,	1	29.86 64 64 59	•	" 5
. 3	200	South-	1	29.87 66 6459	u	4 3
4	0 100		1	29.86 66 6459	•	. /
5	626		1	29.87 65 63 59	4	" 4
6	1'00	200	2	29.87 69 62 53	4	4 5
7	886	256	2	29.87 70 62 58	4	cum sh 4
8	1	Sy by	12	29.88 70 62 58	ac.	nine 0
9	4	256	3	29.88 69 62 58	*	. 0
10	• 1 -	,	3	29.88 68 62 58	be.	. 4
11	6006	4	3	29.89 67 61 58	ac	1 0
Mid.	Sby W		3	29.8967 62 59	4	" 0
			k L	11/1/1/1	li de la constante de la const	

Commences and until 4	azu.	
blue and lake	ut Barnete	strady Vill-hours
and light- in	Six Whis Sight	ing to St. 1- 1-11
Clear and pleasar and light-airs from &	a ana. Ligain	In the
		- 02 , 41-8 7/
of to suffer.	- 13. 11	1 -1 - 0: 01 h t
June preasant weather	I of I of most	Charlegar first part
The aux to gentle bisege	from noun all	1 day 2 epst. 122/2
Light-airs lo-gentle-breeze	and 98 los brea	d. Hofferilum
2 2 - 1-111		P. DI 8 71
oum to street		19 1- On 80 m. 11.
artially cloudy, leg	to belle from M	110 100 11. Mustured at question
and he Could . Officer ins	poeced the oship and	a afferward field general
muster. absentis T. Short	ock (00), 1. 11 = 60.	mb Voly and D. Varker Lds
Made poutine signals; Vi	aced for. M = Neon	on bx6/ under ventryó-
and he Control Officer ins muster. Absentice P. Shoel Made routine signals: Of charge to soon up.	0	ho D. Fa. Gil
200		2. Ily boun fuch.
Mirid Lo I form.	0	Somegn U. D.M.
Measant-weather.	Tradually clouding	over from Sd Harouch
Merid Lo 4 form. Steady . Light- airs from a serthy's charge.	SSW. Meleased	Jos. MENEOSON (6 x 6) from
seritigo charge		
4 lo-8 pm Partly-clear, va 8 pm lo-12 Mid.		P. M.J. Newby
4 lo 8 pm	. 11	Vient U. S.M.
Varly clear, va	weable light- now	ido to 1 of
72,		Willy Warm Tula.
8 pmlo Bllid.	, , , , , , , , , , , , , , , , , , , ,	Chriga U. D.fl.
Overcast, Barome,	er steady. Gentle	E- to-light shreege from SSE.
		p Durly
		Lieux U. S. M.
	*	

Examined and found to be correct.

le. K. lembi Zam- Navigator.

-	-	_					-		0				and the latest divine the late	-	
			Reading	COURSES STEERED	WIND.				BAROMETE	ER, TEMI		State of	Forms of	Clear Oths.	he Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Th	Air, Dry Balls.	Air, Wet Bulb. Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				SSW	894	3			29.896	1761	38	ocd	nime	20	
2				286	886	3			29.89 6			ac		0	
3			-		4	3			29.09 6	1457	55	"		0	
4					* 0	3			29.096	4 56	55	ocd	*	0	
. 5				*	Shy 6	3			29.896	6/06	5.4	acr		0	
6		-		0 0	8091	3			29.880	1956	54		. 4	0	
7				South-	. 1	4			29.870	1933	74	4	"	0	
8				Dby fr	0 000	5			29.870	1953	52	a		0	
9				286	SS 91	5			29.86	1854	+52	4	4	0	
10				26	Douth.	5			29.95 6	6056	54	ac	4	0	
11				Sby 6	*	1	•		29.86	. /		4	4	0	
Noon.				On a	a	4			29.86 6	057	33-	le	4	3	
		-													

Course and distance	made good since preceding noon by observations,		knots.	ter	nths.
	(Latitude by D. R.			,	"
	Longitude by D. R.		0	,	"
Position at Noon:	Latitude by observations of ⊙		0	,	"
	Longitude by chronometer from Forenoon Observations	of ⊙	0	,	"
Desiries at 9 a.m.	(Latitude by		0	,	"
Position at 8 a. m.	Longitude by		0	,	"
Position at 8 P. M.	\ Latitude by		0	,	"
rosition at 8 r. M.	Longitude by		•	,	"
Current during the	time, knots tenths per hour, setting to the				
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head		0	,	"
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "		0	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at "		•	,	"
Variation of the Co	mpass by Azimuth ⊙ observed at "			,	
Water expended dur	ring the preceding 24 hours,		4	40	gallons.
Water	during the preceding 24 hours,				"
Water remaining on	hand fit for use at Noon,		10	93	- "
Coal consumed duri	ng the preceding 24 hours,		tons 444 "	40	To lbs.
Coal remaining on l	and at Noon,		44 "	65	3 - "

P. M.	0 0 9	010					
1	S by &	S bu &	4-6	29.85 60 57 55	o e pag	ximb	0
2	V ,		4-6	29.85 61 57 54	lecal		
3	South-	South-	4-6	29.86 61 57 54		"	4
4	1	4	4-6	29.89 60 57 54		4	4
5		u	4-6	29.91 60 36 54		,	5
6	,	4	5	29.9365-5654	*		5
7	•		4	29.95675754	4		6
8	,		4	29.9567 56 5-4	4	4	7
9	0 " 0	1: 0	4	29.95 65 56 54	4		8
10	S IV by S	Sby Mr	4	29.96 65-5653	4		8
11	The state of the s	"	3	29.9364 56 53	. 4	*	8
Mid.		28 m	3	29.9663 5654	bed		3
			1				

Commences and until 4 am.	
Commences and unite talli. dries	ling aging history of I form
Levelle- home Str & SS 6	my just give work last hours.
Lentle-breezes from Str & SS &	Chillian
46-8 am.	Ensign U.S.M.
Overcast, x rainy, gentle lo	- stiff breeze from So x Sh.
Library party relieved . Weed fresh	phorisioner for use of crew,
Liberty party pelinned . Med hesh	I Wi God hasy tuld.
8am lo-Meris.	Ensign U.S.M.
Overcart and cloudy . Sarome	for steady . Fresh to moderate fuge
from S& Ir and South: al-9.30 min	lered al quarters absent without
Shave: L. M. Beallon (Oiler), L. K. Teney (Smith Cod) H. amunson (Sea) Such (Sea) Sarker (Lds)	Dila 2 d J. M. Drillock of
J. M Comb (John) sod. M Mishney	Tanster, N. M Lance (Col) mas:
Quel (SI) A. Ununcion (Sea)	. Mison (Sea) so sair E con my
2. worker (- as)	H.T. Murdon
Mais 6-4/2m.	Lieut Il. S. H.
Merio 6-4 pm.	first hour moderate to fresh buye
Merio 6-4 pm. Cloudy & squally, Light-raine, Soy & & South: Al-2,30 lettog	list hour moderate to fresh buyen sheet anchor.
Mais 6-4 pm. Cloudy & squally, Light-raine, from S by 6 & South: Al-2,30 letting	first hour moderate to fresh buye sheet anchor.
Mais 6-4 pm. Cloudy & squally, Light-raine, from S by 6 & South: Al-2,30 letting	first hour moderate to fresh buye sheet anchor.
Mais 6-4 pm. Cloudy & squally, Light-raine, from S by 6 & South: Al-2,30 letting	first hour moderate to fresh buye sheet anchor.
Mais 6-4 pm. Cloudy & squally, Light-raine, from S by 6 & South: Al-2,30 letting	first hour moderate to fresh buye sheet anchor.
Moris lo-4 pm. bloudy & squally Light-raine, from S by & & South - Al-2.30 let &g. 4 lo-8 pm. bloudy and pleasant-fresh Barometer pissing. Chas. Lake (CarMa	liet hour moderate to fresh buye of sheet anchor . Smetime & S.M. Consign H. S.M. lo moderate breeze from South-
Moris lo-4 pm. bloudy & squally Light-raine, from S by & & South - Al-2.30 let &g. 4 lo-8 pm. bloudy and pleasant-fresh Barometer pissing. Chas. Lake (CarMa	liet hour moderate to fresh buye of sheet anchor . Smetime & S.M. Consign H. S.M. lo moderate breeze from South-
Moris lo-4 pm. bloudy & squally Light-raine, from S by & & South - Al-2.30 let &g. 4 lo-8 pm. bloudy and pleasant-fresh Barometer pissing. Chas. Lake (CarMa	first hour moderate to fresh buye of sheet anchor S.M. South South of seturned on board S.M. Sight Jesturned on board S.M. Sight-pain. Sinth and moderate
Mais 6-4 pm. Cloudy & squally, Light-raine, from S by 6 & South: Al-2,30 letting	first hour moderate to fresh buye of sheet anchor S.M. South South of reference on board Sight-pain. Sinte and moderate
Moris lo-4 pm. bloudy & squally Light-raine, from S by & & South - Al-2.30 let &g. 4 lo-8 pm. bloudy and pleasant-fresh Barometer pissing. Chas. Lake (CarMa	liet hour moderate to fresh buye of sheet anchor . Smetime & S.M. Consign H. S.M. lo moderate breeze from South-

LOG of the United States Seamer Essex , 3rd Rate, Woulevideo, Uruguay.

-	-	Torque .				-	-		-	-							
		4	Reading	COURSES STEERED	WIND.				BAROME	ETER.	TEMP			State of	Forms of	Clear oths.	he Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.				8891	SSM	4-5			29.98	60	3 34	4 34	2	ach	nine	20	
2				& Mby S	29m	4-5	-		29.90					be	4	6	
3				South-	MS Ir	4-5	-		29.98	062	53	34		4		7	
4				256	4	4			29.97	6/	14	433		,"	,	6	
5				& by S	*	4			29.96	60	5-4	53		ben	cum	8	
6				"0		3			29.96	59	14	52		ke	4	9	
7				27	0.	3			29.96	58	54	52		4	9	9	
8				0,1	Mest-	3			29.97		-	52		*	4	9	
9				Mest-	0, 210.	3			29.98					a		7	
10				Il by D	WILT.	3			30.00					4	4	5	-
11				Il by M	On 1 21	3			30.00	/				,	u	5	1
Noon.				"	W by M	3			29.99	60	03	00		4	"	4	-
									/ /								

Course and distance	made good since preceding noon by observation	ns,	knots.	tenths.	
	(Latitude by D. R.		0	, ,,	
	Longitude by D. R.		0	, ,,	
Position at Noon:	Latitude by observations of ⊙		0	, ,,	
	Longitude by chronometer from Forenoon (Observations of ⊙	0	, ,,	
	(Latitude by		•	, ,,	
Position at 8 a. m.	Longitude by		0	, "	
	(Latitude by		0	, ,,	
Position at 8 P. M.	Longitude by		0	, ,,	
Current during the	time, knots tenths per hour, s	setting to the			
Variation of the Co	mpass by Amplitude o observed at Sunrise, sh	nip's head	0	, ,,	
	mpass by Amplitude ⊙ observed at Sunset,			, ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0	, ,,	
Variation of the Co	mpass by Azimuth ⊙ observed at	"	0	, ,,	
Water expended dur	ring the preceding 24 hours,			320 gallor	15.
Water	during the preceding 24 hours,			"	
Water remaining on	hand fit for use at Noon,			1575 "	
	ng the preceding 24 hours,		tons	1575 " 400 110 255	6.
Coal remaining on l			44 "	255	

P. M.								
1	W-71 M	N 11 9	4	29.98 61 36 54	be	cum ob	4	
2			4	29.97 59 56 54	4		,,	
3		•	4	29.96 59 36 54	4		2	
4			3	29.96 59 56 54	4	cic cum	-2	
5	Ir by Il		3	29.95 58 56 54	4		2	
6	Mrs m	MM m	3	29.95646452	*	4	4	
7	d by 6		3	29.96 63 56 53	4	*	3	
8	21 21 9	• • • •	3	29.96 64 53 50	4		6	
9	11 by 9r	Il by Tr	3	29.95-66 07 49	*	*	9	
10	nnor	UN IN	3	29.98 6000 47	*		8	
11	,	//	3	29 98 65-00 47			8	
Mid.		4	3	29.98 64 50 47	4	4	9	

Commences and until 4 am.

Moderate breeze from SSW to WSW with stiff squally first-bart and bassing showers first-hour book generally fair after the first hour with large masses of clouds passing over with the wind.

The first hour with large masses of clouds passing over with the wind.

The first hour with large masses of clouds passing over with the wind.

The first hour with large masses of clouds passing over with the wind. breeze from Is In x host - D. Jacker (Lds) & H amuneson Sea) pe. lurned on boars. Fair partially cloudy . Senthe breezes from West-10- HM W. Mustine 8 am li Merid. leave: A. Shelock Poty, M. M. Comb Pot, & Smith (Coa) & Beatler (Oile) C. K. Jeneyck (2019) Ed. M. Lain (6H), Co.M. Hierney Painter) Irk. Wilson (Sed). Exercised at divisional drills: Made pouties signals al-9.45 (Il 8.45 made sig Inleng 5455 Vallapors, a and off. lossed sail to a buntling. Chas: Bay (Sea) was transferred from U.S.S. Talla ... poora; with bag, hammock & necessary ham for papers and rates hime Master at arms from date by order of Cominda. Officer. Merid le 4 pm.
Coudy Moderale lo gentle breeze from WIM. at 1.00 made signal Inty 4826 and aff. Juried suit Private J. M. Comb reluind aboard of his over line. Lieut-U.S. II. 4 6- 8 form. Mostly cloudy with gentle bruges from MM & C. Smith (Cos) sentry's charge. Ed.M. Mising Painter) returned on board 30 hours over time. Derved out clean hammocks. Clear and cool Lintly freeze from My Irst MM . all-9.45 8 pm lo Mid. lost sight of the stay light of the un Known chuiser anchored off the harbor. M. Brallon (Viler) relurned aboard 40 hogery overtime Sirul- U. S. M.

Examined and found to be correct.

le. K. lembo

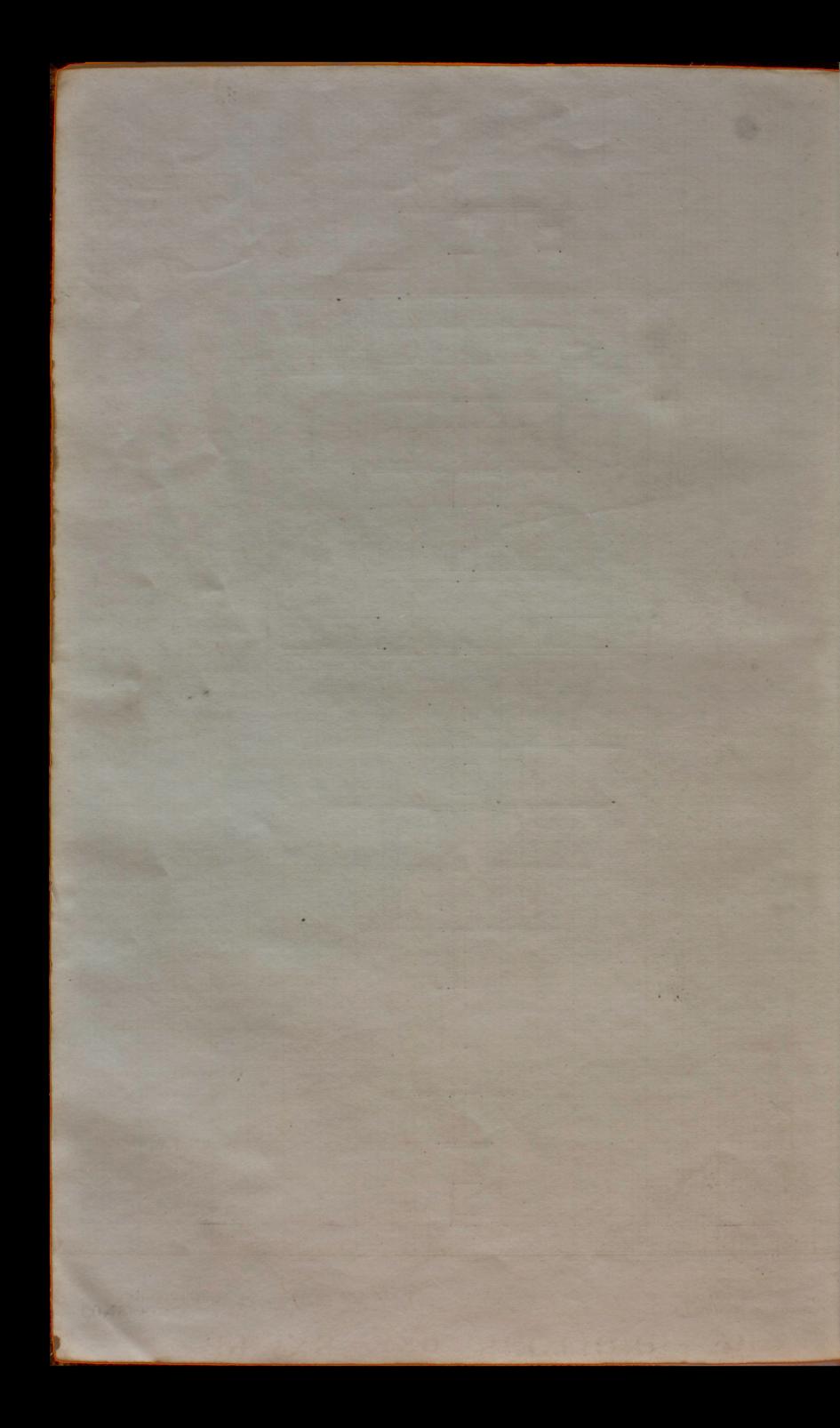
-	_	_								_					The state of the s	
			Reading		· WIND.				BAROMETER	. TEN	IPERA	TURE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots,	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force,	Heel.	Leeway.	Height The in inches. att'e	Air, Dry Balls	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cles Sky, in 10th	State of the
A. M.				2194	21719r	3		-	29.99 60	0 4	9 4	,	d	none	10	
2				11119		3			29.99 57				4	4	10	
3					*	4			29.9958	14	946	(4	10	
4					*	3			30.00 50				4	4	10	
5						3			30,00 5	+4	7 40	-	be	cir it	DE CONTRACTOR	
6					•	3			30,00 00	14	7 4.	-	4		9	
7				Mby 6		3			30.0/00	14	44	5-	4	4	9	
8				*		3			30.025	3 4	440			•	9	
9				11119		3			30.025	43	0 4	P	•		9	
10				+		3			30.030				4	4	6	
11				*		3			30.035						4	
Noon.				4	•	3			30.03 5	80	900	4	u		4	
		13.3														

Course and distance	made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 ,	"
	Longitude by D. R.	0 ,	"
Position at Noon:	Latitude by observations of ⊙	0 ,	"
	Longitude by chronometer from Forenoon Observations of ⊙	0 ,	"
	(Latitude by	0 ,	"
Position at 8 a. m.	Longitude by	0 /	"
	(Latitude by	۰ ,	"
Position at 8 P. M.	Longitude by	0 /	"
Current during the	time, knots tenths per hour, setting to the		
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 ,	"
Variation of the Con	mpass by Amplitude ⊙ observed at Sunset, "	0 ,	"
Variation of the Con	mpass by Azimuth ⊙ observed at "	0,	"
Variation of the Con	mpass by Azimuth ⊙ observed at "	0 . 1	"
Water expended dur	ring the preceding 24 hours,	300	gallons.
Water List	illed during the preceding 24 hours,	1270	u
Water remaining on	hand fit for use at Noon,		"
Coal consumed duri	ng the preceding 24 hours,	tons: H	oo lbs.
Coal remaining on h	nand at Noon,	tons 40 43 " 20	95-"
		/	

P. M.	1111 m	MM9r	2	30.01 39 60 36	Re	cir oh-6
2			2	29.99 60 6256	*	. 6
3	North-	North-	2	29.98 60 62 56	~	a 6
4	20 4	* * *	2	29.986/6/56	*	* 2
5	1 Coly to	716	2	29.976/6006	4	* 4
6	6 26	,	2	29.97656056		. 4
7	676	41 41 8	3	29.99 66 3935	0	u 8
8	n Eby n	MAE	4	29.9667 5854	le	none 10
9	11 X0 by 11	*	4	29.9468 3332	be	cie cum 9
10	1116		4	29.94675332		4 9
11	11110	,	4	29.92 63 55 52		. 9
Mid.				29.91 63 30 02	4-322	1 2 17

ale breezes from MM. Cowigni U.S. M. & am lo Merid. from IM W. Received The Comda. Officer adjudged the xgo lor-bread Lieut-U.S.M. following punishments, viz: \. M. Comb (Pot) 55 hrs. Jover leave, - reduced to 4th class 3 months 15 monthly money Il Il W. al-9.30 mustees MEdain (6H) J. Wilson O. Robinson (6. Sp. M.) Returning from liberty-tight= ion drill . al-9.45 made reduced to 2nd class; Imonth. D. Parker (Lds) aboutno'd aff. Curreised afor from ship 60 hrs when sent on shore on duly, reduced dg. Officer adjudged the dale - Coundy Officer lot the class; 3 months 1/2 monthly money X 4 mid roatches. H. Chmunson (Sea) 24 hrs over leave, - reduced to and Siegel- 21. S. M. class 1/2 month: as. M' - Krown (6x6) Spenk on board breege from UMM x ship reduced to 2" class; imonth. a. Viraly Ry (S. apposed) 2 hrs over leave-freduced to - 2 class; two weeks . Chas it & flying jib booms -Lake (Or Mr) 8/2 hor over leave - reduced to 2 dass young Sieil 21. S. 71. 6. Smith 600 32/2 hrs over leave & drunk - Dispated rate breeze from UE to Szamane, 4"-class smonths 1/5 Monthly money . Co. M. Min. unstreet Entertainment Hey (Painter) 35 hrs-over leave, - red to 4th class; 2 months Girge Hylogram 15 M. money. S. M. Brallon (Oiler) 40 hrs over leave Visul-U. D. M. Morrale breeze from Mille. reduced to 4" class - 2 months 1/5 Monthly money A. H. Walden (a) returned 64 his over. Sea Aborel) Not turning out when called . - Jobe called 1/2 hour before all hands. Sicul-U.S.M.

Examined and found to be correct.



la ma man de to la acce	
commences and unite 4 am.	- Louis Santo- 1 1 21219
prac & preasant. Dente	and moverace oneges from MM.
4/0-8 1111.	Surian 1/8 1/
Clear and pleasant- Lente	Le breve from MMW. Becins
in Pay Selo1-122/2 lbs meal-112/2 lbs	· vegetables - x go lbr - bread
	Attrium
8 am lo Merid	Vieut-U. S.M.
Commences and until 4 and. Clear & poleasant - Senth Ho & am. Clear and poleasant - Senth in Pay Defot 122/2 lbs meat 112/2 lbs 8 am to Merid Clouding over Senth-bree Towards - also desired	ge from MM W. al-9.30 mustered
a quality workies: O. Venego	all a de l'alle auch l'o Millsont
Sea) & R. Sherlock (PM). al-9.45 ? routine signals: al-10.20 made	had ballation drell. Ul-9.45 mode
pouline signals: Ul-10.20 made	org 5204 and Uff. Curcised ap
prentices in rigging in jib boom	. The Soundy Officer adjudged the
John of purtish strents: 1 see list and	nexed by order of Comindar Officer
on. O. Jugu (Sea), was pared to Cods	Jun falle
Marid 1-4 brus	Sign- Il & Man
Partly cloudy bleasant-weath	ir Light - breeze from 1171 %
North: Exercised apprentices rigger	ing out jil & flying jil booms
Merid to Hom. Merid to Hom. Merid to Hom. Morth: Exercised apprentices - rigger setting up head stayo- x guyo- x bend.	Trig jib. It I
	o mitterium
46-8 pm.	Viid U. D. H.
1-11/6. Sent a liberty party ask	to moderale breeze from HE
to MIG. Sent a liberty party ask	ione lo a minstre Enterlainment
0/2011-711.1	Jourge of Mouran
Jomus Mid. 1 3 11	-d-light Merch buch mine
Som to Mid. Stear & pleasant - Bught Liberty party returned at 11. 30 J.	Wilson Seal returned by his me
time:	marc (sta) je guima o jna ovot.
	The river
	Lieut-U.S.M.

Examined and found to be correct.

le. K. leurs Zout-Nacigator. LOG of the United States Sleamer Essex , 3rd Rate, Montevideo, Uruguay.

						-											
			Reading		WIND.				BAROMI	ETER.	TEMI	ERAT	TURE.	0444		lear hs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leewny.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Sea
A. M.				MyG	Mby 6	3			29.90	60	33	-62	2	be	circun	27	
2				1.	1.	3			2988					*	"	2	
3						4			2987	60	36	50		æ	cir vina	10	
4				•	. 1	4			29.88	33	57	54	4	4		0	
5					Morth.	3			29.88	60	58	33	-	u	•	0	
6				* 1	******	3			29.88	60	57	54	4	•		0	
7				Morth-	111191	4			29.88	34	57	55	-	4	cum ste	-0	
8				1116		4			29.09	60	34	56	(4	0	
9				-2428		4			29.90		11				*	0	
10				MUM		4			29.90	63	62	50	9		a	0	
11					*	4			29.8	1		-61		•	*	0	
Noon.						4			29.89	169	63	-61		4	4	0	
									//	/							

	Course and distance	made good since preceding noon by observation	ns,	knots.	te	enths.	
		(Latitude by D. R.		0	,	"	
		Longitude by D. R.		0	,	"	
	Position at Noon:	Latitude by observations of ⊙		0	,	"	
		Longitude by chronometer from Forenoon C	Observations of ⊙	0	,	"	
	T. 1.	(Latitude by	0	,	"		
14	Position at 8 a. m.	Longitude by		0	,	"	
13	D. C. C. D. M.	(Latitude by	•	,	"		
	Position at 8 P. M.	Longitude by	0	,	"		
	Current during the t	time, knots tenths per hour, s	etting to the				
	Variation of the Cor	mpass by Amplitude o observed at Sunrise, sh	ip's head		,	"	
	Variation of the Con	npass by Amplitude O observed at Sunset,	"	•	,	"	
	Variation of the Cor	npass by Azimuth ⊙ observed at	"	•	,	"	
	Variation of the Con	npass by Azimuth ⊙ observed at	"		,	" \	
	Water expended dur	ing the preceding 24 hours,		36	8	gallons.	
	Water Distil	led during the preceding 24 hours,		3,	73	"	
	Water remaining on	hand fit for use at Noon,		127	75		
	Coal consumed durin	ng the preceding 24 hours,		/2/ / tons //2 "	129	Jbs.	
	Coal remaining on h	and at Noon,		42 "	80	70 "	

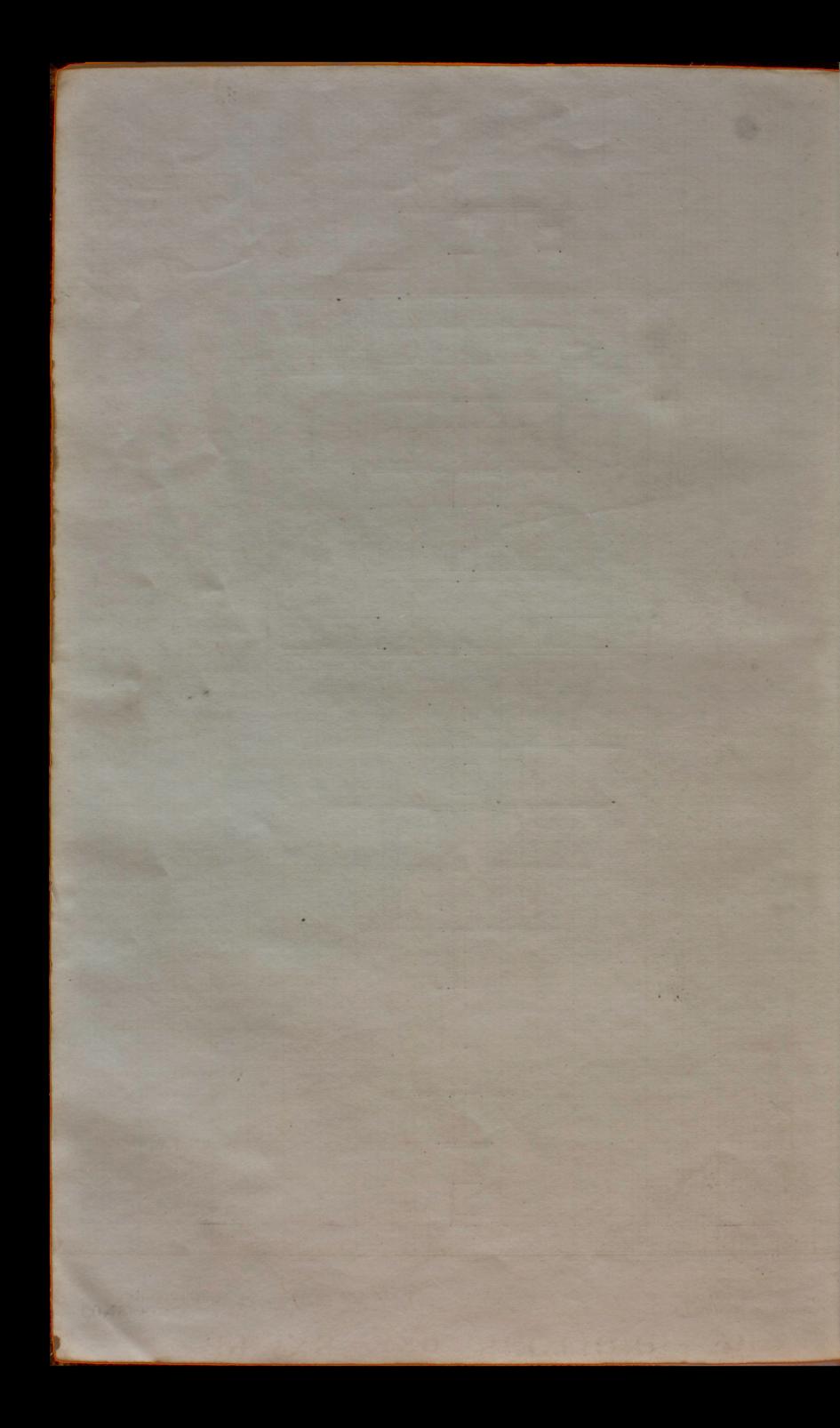
² . M.	MM 2.	nnn	4	29.88 69 67 63	be	cum.sta	1
2	119	500 10	3	29.88 68 67 63		umb	1
3	1 h by m	My by m	3	29.8868 6663		+	1
4	mr. Ir	719	2	29.89666663	•	•	1
5	912891	nngr	1	29.91676663		4	1
6	West-	,,,,,,	1	29.93 71 66 63	oen	cir rum	0
7	\$6	1116	1	29.93 7/66 64		1	0
8	,"	S9r	1	29.95-726663	*	4	0
9	Sby &	28 m	1	29.97 73 65-63	be		2
10	6as/-	Calm	0	29.98 70 66 64	oe.		0
11	116	,	0	29.94 7/ 65-63	+	"	0
Mid.	Gas/-		0	29.97676563	bel.	-	4

from Il by &. loudy, then overcast; gentle to moderate breege W. Ky the sen Tues. from North to NIM. distilling at 8. at 7.00 Marid to 4/pm. time organal. Jung HIM Johnan from MM. D.M. Lais Received in Ongineers-Department: 200 to Black smithi coal, 1 bolo Portland bement, 16thave . Med stores in Lime; 299 & Fire clay, 2 boli- Charcoal. Ho a Sheel Joning a 10 mall pesses; 4 blo-6 Panes Llacs 7 & x 6 3 . 10 lb. Rivels iron 14x 1/2 assorted, 6 Lenghto of iron poils 28'8" of 1/8 , 27 6 of 1/2", 30 of 1/4 ing By order of Coundy. His went - x restled to duly Licut-U. S.M. 12 Elboros iron 4 of 3/8". 4 of 1/2", 4 of 3/4", 4 Brass Valves2 of 1/2", 2 of 1"; 12 Jees- iron 4 of 3/8 "4 of 1/2", 4 of 3/4".

15 Reducing nipples 3 of 1/4 h 1/2, 3 of 1/2 ho 3/4; 3 of 3/4 h 1; 3 of
1" lo-1/4", 3 of 1/4" h-1/2"; 10 H Dron Bolls 1/2"; 10 It Blank m MM I L-MWby W. - Listillizing . a. W. Ky Akasin Full MM x MME shifting Muls iron 1/4; 1/5 "X1"; 105 A Slab Fine; 2 Sheets Drawing Light 2. S.M. Paper. 50 Sum Bands; 94 W Mils Lead, 46 W Mile Jine; 5 & Chrome Loven; 10 Wyllow Ochre uirs from SS IN x balus 2 Quires Mapping Paper; 2 Quires - Sand Paper . 5 8 Main (CH) returned Borax, 12 Oak wedges; 98 & Calmal in fatino; 34 & Bur of round iron 1/8". W. Ry Thasen Fuld. Enolgnill. & H.

Examined and found to be correct.

le, N. leuren Zriel Navigator.



Commence is until 4 and	
from Hby &. Sentle to movercast, from Hby &. 4 to 8 am. Overcast - Gentle to moverate Al-soo lighted fires for distilling & A Tallapoosa made dress signals and	- gentle-to-massages land
from It by Et.	Joine de movelare viege
	W. Kn In an Tuy.
468 am.	Cardianill S. 71
Overcast - Gentle-lo-morerate	breege from Hoch to 11/1 %.
al-5:00 lighted fires for distilling & x	lasted distilling at 8. at 7.00
Tallapoosa made dress signals and	al-7.30 time stanal.
	Jun Holman
8 am lo Merid.	Sieut-U.S.M.
8 am lo Merid. Cloudy but pleasant - Moverale (CH) x 6. K. Veneyck 2 cl F) absent - with	prege from All W. A. M. Lais
(61) x 6. A. Venerck 2d t) absent with	rout trave . Med stones in
Tay Dept hansfined from U. D. D. Jan	lapoosa 10 mall resses: 4 blo-
bacon, 22 boxes ham x y boxes candles:	Distilling . By order of Coundy.
Officer Jos. Pingree (Xds.) was peleased fr	om confinement & restrict to duly
Merid lo-4/orn.	Si 19/8 2/
Plante lill-1- medial-1	11 11 9x 1-11 9x 1. 9x
Merid lo-4 form. Cloudy light-lo moderate breed Red stores in Engineers - Defot-as	bed list - Si tilling
men pur originades regor as	M. Ru Arain Full.
46-8 pm	6 design 21. S. 21.
Overcast - x cloude . Light - airs -	home MM x MME shifting
Voncast- x cloudy. Light-airs- lo-8 W. last-hour. Barboneler pister 8 om lo-Mid	g. Distilling
1 6.1.	of Hotories
8 form to Mid	Con Died-U. S.M.
Wereast then party clear	xight aux from SS II & balus
Hoisted in steam launch Distiller on board 86 hours over time.	ig. D.M- Dam (601) returned
on board 86 hours over lime.	W. Ry Thas Fild.
	E Market July
	mojgnes. Dil.

	-	_							-	1							
			Reading	COURSES STEERED	WIND,				BAROME	ETER.	TEMI	PERAT		State of	Forms of	Hear other.	re Sea.
Hour.	Knots.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Balb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.				117191	Ralm	11			20.06	-/-	//	10		1	rind	, ,	
-				3100	- Salen				29.90	/	64	1		ver	nun	. 8	
2				117	110	/			29.94	466	63	62		ae.	4	0	
3				North -	" .)	1			29.93	67	63	62	1	ael	4	0	
4				11118	Dough -	1			29.92	66	63	62		4	4	0	
5				1176	6116	3			29.89	1		1		bel	синга	in 1	
6				6 by S	686	2			29-88	64	63	61		4	4	1	
7				Stofy &	\$6	2			29.88	63	63	61		be	"	2	
8				SE	686	2			29.88	63	62	61		bem	steal-	-/	
9				,	Gast-	2			29.89	64	-64	62		1	,	1	
10				Gast-	4	2			29.88	65	-64	62	2	oem	cir nim	el o	
11				"		2			29.87	166	65	63	3	4	4	0	
Noon.				*		2			29.86	66	63	63		"		0	

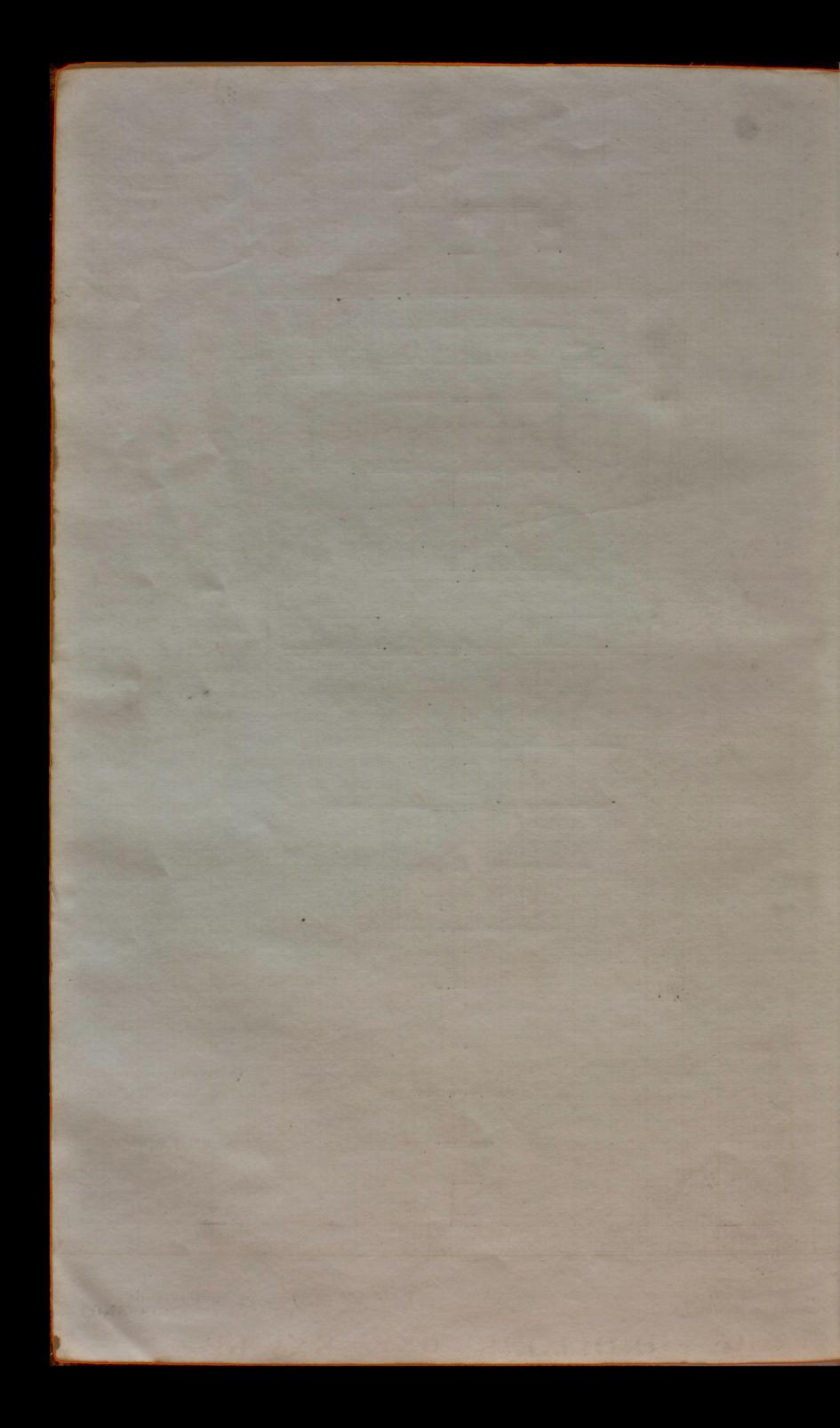
Course and distance	made good since preceding noon by observations,	knots.	tenths.	
	(Latitude by D. R.	0 ,	"	
D. C. V.	Longitude by D. R.	0 ,	"	
Position at Noon:	Latitude by observations of ⊙	0 /	"	
	Longitude by chronometer from Forenoon Observations of ⊙	0 /	, ,,	
Position at 8 a. m.	(Latitude by	0	, ,,	
rosmon at 8 a. m.	Longitude by	•	, ,,	
Position at 8 P. M.	(Latitude by	•	, ,,	
rosition at 8 r. M.	Longitude by	•	, ,,	
Current during the	time, knots tenths per hour, setting to the			
Variation of the Con	mpass by Amplitude o observed at Sunrise, ship's head	0	, ,,	
Variation of the Cor	mpass by Amplitude ⊙ observed at Sunset, "	0	, ,,	
Variation of the Cor	npass by Azimuth ⊙ observed at	0	, ,,	
Variation of the Cor	npass by Azimuth ⊙ observed at "	•	, ,,	
Water expended dur	ring the preceding 24 hours,		25 gallons.	
Water	during the preceding 24 hours,	19	75" "	
Water remaining on	hand fit for use at Noon,	29	25 "	
Coal consumed during	ng the preceding 24 hours,	/ tons	75 " 25 " 9/5 lbs.	
Coal remaining on h	and at Noon,	40 "	2/25 "	

P.M.	2 71 8	2 21 2			1		
1	6/16	6116	2	29.84 72 67 65	be	cum x	1-4
2	116	Cast-	3	29.83 70 67 65	oem	4	0
3	6/16		2	29.81 69 6665	"	Ceen ruing	60
4	Cast-	8 2 2	2	29.8069 66 64	1	4	0
5	6 by 11	8000	2	29.79 70 65 63	4		0
6	M Chy 11	1	2	29.78 71 66 64	4	4	0
7	116	"	1	29.78 74 6665	oct,	4	0
8	86 by 6	Horsh-	1	29.79 75-67 65	och	4	0
9	Slo by S	01	1	29.82 7468 66	'acd f	"	0
10	289r	West-	1	29.82736664	"	4	0
11	00 . 0	100	1	29.82 7466 64			0
Mid.	Strby Ir	886	1	29.82 72 66 65	ac	11	0

light - airs from Wid Lieut- 2. S. M. Merid lo 4pm. Meceived in Equiple Department? 6 x 616 Light wing first pl-120 los fresh beef, to los-16 Hand scrub bushes: 100 Cair bushes & handles, 2 Jan brushes - short handles; He yods Collon Convas #5; 40 m. At rylus yeds Collon Convar #8. 00/2 yedo Parens Cotton; Licel. 21. S.M. 28 Il Manilla rope 11/2" 75 H Marline; 145 H Rathing 21 throad Mustered at quarters 88 A Marilla rope 13/4"; 60 A Spunyarn, 2 yarn; 57 & ", Guga Div 2 " 08 " Sound arm 3 yarn; 23 & hemps rope 13/4"; 62 N manilla rope - ne . The apprentices - were 15 Inread. 2 Dides Bellows Seather. 2 Sides Rigging Seather toposail . C. K. Jeneyck 125 Dearning needles: 20 medler 4 foread; 15 medler W. Ky Magn Juld. Edsign U.S.M. (thread; 10 needles & thread; 65 yads Red Bunking 18". 65 yards while bunding 18". 15 yrds ped burling 4/2; 15 yads light-driggle, Barometer gentle in force . Heceived while bunting 4/2; 5 yads blue bunting 4/2; 6 spools collon thread; & papers se soing needles; so hammock rings; I bol coal far, 3 A gum campohor; 10 & white line; 10 lb. Lient 21. S. M. airs from 686. Senthooks & thimbles assorted; 10 & sister hooks assorted; s minstrel entertainment. to I thimbles - assorted: 25 flows hemp rope unlarged; butter Row Thas Juld. 50 chim neys Manhallan; Sil Vowed - Voroder. Ensign U. S.M. Ascrived in Construction Department; 10 ft ash Board 1". 200 ft Mile Pine 1"; 15 gllo Juspentin rising slowly. Variable 250 for Lamp black: 200 I Wilt Lead, 18 Ultra marine Blue View - 21. S.M. 2 W Vermillion; 20 lbs. Med Lead, 8 lbs. Sugar of Lead Drien, 20 & Whiling; 6 Alls Japan Drier; 30 Alls Lings Ed Oil; Lello bopal Varnish: 6 Allo Damar Varnish.

Examined and found to be correct,

le. V. leush Zur Navigator.



Commences & until 4 azu. Barometre steader D. Parter (Sdo) stood istra worth by order of Londy Office. bart, misty haller part: Distilling Hood is Pay Dept-120 los fresh beef, Tholbsorgetables & golbs- bread for use of crew. Partly cloudy, light-breeze, from Cast-Mustered at quarters and beat to genteral quarties. Sondie peady 4 m 08 or 2 m dio 2 = 25 "; Marine Guard 1m 13 occ. Pay Dept- 35 occ. Sung Dir 55 ne. The apportunities- roune exercised at unbending, bunding & furling fore toposail. C. K. Tenryck (2 cl I) abount-without-Plave. Distilling.

W. Ru Magn Juld. Carignell. S.M. Miris lo 4/on. Denierally overcast misty with occasional light driggle, Barometer falling. Mind from 616 and Gast light to gentle en force Received I stout as per blist. Stopped distilling, hauted fires. Overcast & foggy, light-breeze to light airs from 686. Sent 4pm lo 8pm. visiting party let Boilness - H. B.M. S. Bramble's ministral entertainment. Condemned & throw overboard one alls tim of butter Row Masn Full. 8 pm lo Mid.
Overcast-x foggy till 1100 Barometer rising slowly. Variable light-airs: Sixul-U. S.M.

Examined and found to be correct.

le. V. lembi Zone Navigator. LOG of the United States Seamer Essen , 3rd Rate, Monte video, Unuquay.

_	-							_		1	1	-	-			-	
1366			Reading		WIND.				BAROMI	ETER.	TEM	PERAT	URE.	State of	Forms of	lear ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass. Direction by Standard Compass.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea		
A. M.						13											
1				31119	SS91	1			29.80	71	66	64	4	ocen	cum min	10	
2				S 92		3		35	29.80	66	63	-64	4	4	4	0	
3				21 %	4	1			29.81					4	9	0	
4				4	4	1			29.82					*		0	
5				MEST-	South -	1			29.81	66	64	63		acd	nine	0	
6				SS9r	4	1			29.80					acm	-	0	
7				4	286	2			29.80					4	Timb of	-0	
S				Soy 6		2			29.82	65	63	62	9-		4	0	
9				4	*	2			29.82						nimb	0	
10				S6 by S	26	2			29.82	266	64	463		4		0	
11				26	Carl-	2	1		29.81	266	64	463		•	4	0	
Noon.				6 by S	686	2			29.82	266	64	163		•	4	0	
-									1								

C		
Course and distance	made good since preceding noon by observations,	knots, tenths.
	Latitude by D. R.	0 , "
Position at Noon:	Longitude by D. R.	0 , ,,
Tosition at 100m.	Latitude by observations of ⊙	o , ,,
	Longitude by chronometer from Forenoon Observations of ⊙	0 , "
D ::	(Latitude by	0 , ,,
Position at 8 a. m.	(Longitude by	0 / "
Position at 8 P. M.	(Latitude by	0 , ,
Position at 8 P. M.	Longitude by	0 , ,
Current during the	time, knots tenths per hour, setting to the	
Variation of the Co	mpass by Amplitude ⊙ observed at Sunrise, ship's head	0 1 7 11
Variation of the Co	mpass by Amplitude ⊙ observed at Sunset, "	. , ,,
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 , "
Variation of the Co	mpass by Azimuth ⊙ observed at "	0 / //
Water expended dur	ring the preceding 24 hours,	3/6 gallons.
Water	during the preceding 24 hours,	"
Water remaining on	hand fit for use at Noon,	2610 "
Coal consumed duri	tons /065 lbs.	
Coal remaining on h	nand at Noon,	tons 1065 lbs.

	010	0 1 0					
ė.	Coby &	286	1	29.81 66 64 63	ocd	nineb	0
2	676	4	1	29. 78 66 65 63	ocm		
3	16 by 6	, ,	2	29.78 64 63 62	bem.	cie nione	13
4	South-	South-	2	29.79 63 63 62	ocm		
5	200			29.78 67 62 61			
6	South-	4	4	29.79 67 61 60			
7	"	4	5	29.82 68 61 59	,	4	0
8	4	1	5-	29.87 70 61 59	ocml	4	0
9		" " "	5-6	29.8969 61 08		+	
10	Shylo	S by &	6	29.91696054	6	,	0
11		000		29.93 68 57 56	4		0
Mid.	286	SSE	5-6	29.93 68 59 56			

under the command of

Commander A. S. Snow Salurday May 9th

, U. S. Navy, , 18 91.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencer & until 4 am.	8 0.
Overcast & cloudy & misty.	Light airs x gyille breeze
from Son. D. Varker (Lds) sloo	d'extra watch by order of Louis.
from SS Ir. D. Parker (Lds) sloo.	
	Mystone
4680211.	Cowian 21. S. 21
Overcast & misty light - me	is from SSG Howled out-
Alean launale Red routing vigual	. Il. H. Teneyck (2 cl. F) religion
from liberty 144 hours over time	1 / pourma
June of the state	W. Rometrasa Fill
8 am 1- Merid.	6nu (an)/8 1/
Ho 8 am. Overcast - & misty, light and steam laungh. Red pouting signal from librely 144 hours over time. 8 am to Merid. Overcast. Barometer steady.	Light-breezes the Gil
8 am le Mend. Overeast. Baromeler steady. Ood, absent-without-leave. Merid le 4 form. Cloudy & misty. Light-airs a	May t
Marid 1- Horn.	Visit- 21 8 11
Cheede & minter Sight- nine	and briese from SSE Harried
in Comingan - Dollar on M o	is i come that he was a
12 x shi . It was la la strait	do this bear hile this like
Received in Carl I I halo a March	had deail nothing it then I to the
in Engineers - Dept: so official envelope. 12'x 184; 4 unions brokes 1/8": 10il cu Received in Eguips. Dept: 20 glls alco. 10 lls white line.	in cit the properties miled for;
	11/10/11
4 lo 8 pm. Overcart-Barometer stead from light-lo stiff in force, with	6: 9/8 21
0 1 3 1 1 - 1 -	1 Bassas & S. Minister
la fill-1- the morning en sicad	The state of the state of the peasing
from ugm 10 sug in force, with	moverale said.
	Lieut-I. S. M.
8 h m 1 - M:1	
8 pm to Mid.	malela blancia di interna
during lateland a cloudy most of a	dies area adaire facilità ser
Overcart-x cloudy most of a during last-togo hours and then I cloud fresh breezes from South-to SSE.	dely our again. Spen to very
John Mily your soush is SPN.	Omhin.
	Ensign U.S.M.
	maigh a. s.M.

Examined & afformed and now MSM.
Combo, Coming

Examined and found to be correct.

le. K. lews

